

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021122\
 Data File : VX026962.D
 Acq On : 11 Feb 2022 13:21
 Operator : JC/MD
 Sample : VX0211WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0211WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/14/2022
 Supervised By : Mahesh Dadoda 02/15/2022

Quant Time: Feb 12 04:27:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	101568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	162750	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	142946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64857	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	57666	47.297	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.600%		
35) Dibromofluoromethane	5.391	113	46177	47.623	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.240%		
50) Toluene-d8	8.647	98	174155	48.930	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.860%		
62) 4-Bromofluorobenzene	11.079	95	61951	49.439	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	21209	19.204	ug/l	97
3) Chloromethane	1.294	50	19867	19.337	ug/l	99
4) Vinyl Chloride	1.380	62	20441	19.006	ug/l	98
5) Bromomethane	1.611	94	8813	19.311	ug/l	93
6) Chloroethane	1.691	64	11837	18.312	ug/l	97
7) Trichlorofluoromethane	1.892	101	29927	18.909	ug/l	94
8) Diethyl Ether	2.136	74	10843	18.494	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.337	101	19996	19.275	ug/l	99
10) Methyl Iodide	2.459	142	21581	16.576	ug/l	97
11) Tert butyl alcohol	2.971	59	18374	83.421	ug/l	96
12) 1,1-Dichloroethene	2.325	96	18969	18.249	ug/l	93
13) Acrolein	2.239	56	19184	94.249	ug/l	100
14) Allyl chloride	2.666	41	33946	18.437	ug/l	97
15) Acrylonitrile	3.068	53	61070	96.756	ug/l	98
16) Acetone	2.386	43	59381	110.891	ug/l	98
17) Carbon Disulfide	2.514	76	50596	17.194	ug/l	99
18) Methyl Acetate	2.703	43	28150	18.271	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	66779	18.150	ug/l	99
20) Methylene Chloride	2.794	84	21345	18.396	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	20712	18.935	ug/l	96
22) Diisopropyl ether	3.763	45	71406	19.263	ug/l	98
23) Vinyl Acetate	3.721	43	296766	95.218	ug/l	99
24) 1,1-Dichloroethane	3.611	63	38044	18.966	ug/l	99
25) 2-Butanone	4.562	43	87086	100.938	ug/l	98
26) 2,2-Dichloropropane	4.483	77	26963	19.895	ug/l	100
27) cis-1,2-Dichloroethene	4.495	96	24115	19.202	ug/l	96
28) Bromochloromethane	4.904	49	15825	19.032	ug/l	99
29) Tetrahydrofuran	5.007	42	55345	94.359	ug/l	97
30) Chloroform	5.099	83	39259	18.837	ug/l	99
31) Cyclohexane	5.477	56	36602	18.894	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	34210	18.618	ug/l	99
36) 1,1-Dichloropropene	5.696	75	29336	19.178	ug/l	98
37) Ethyl Acetate	4.715	43	32648	18.781	ug/l	100
38) Carbon Tetrachloride	5.684	117	29926	18.656	ug/l	96
39) Methylcyclohexane	7.379	83	36901	19.671	ug/l	99
40) Benzene	6.044	78	85044	19.076	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	18207	19.324	ug/l	97
42) 1,2-Dichloroethane	6.086	62	31504	20.054	ug/l	98
43) Isopropyl Acetate	6.342	43	50902	19.031	ug/l	99
44) Trichloroethene	7.129	130	25127	18.771	ug/l	93
45) 1,2-Dichloropropane	7.434	63	21622	19.169	ug/l	95
46) Dibromomethane	7.586	93	15185	19.456	ug/l	99
47) Bromodichloromethane	7.824	83	29759	19.910	ug/l	98
48) Methyl methacrylate	7.696	41	25596	19.313	ug/l	99
49) 1,4-Dioxane	7.684	88	9035	395.621	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	165134	101.881	ug/l	99
52) Toluene	8.720	92	54432	19.285	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	28911	18.735	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	33016	20.004	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	22152	20.731	ug/l	98
56) Ethyl methacrylate	9.116	69	34254	20.223	ug/l	98
57) 1,3-Dichloropropane	9.311	76	37171	20.258	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	83750	96.332	ug/l	98
59) 2-Hexanone	9.433	43	121799	102.737	ug/l	98
60) Dibromochloromethane	9.519	129	22424	20.395	ug/l	99
61) 1,2-Dibromoethane	9.610	107	22722	20.126	ug/l	100
64) Tetrachloroethene	9.275	164	26494	18.454	ug/l	95
65) Chlorobenzene	10.079	112	57867	19.574	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	20913	19.230	ug/l	99
67) Ethyl Benzene	10.195	91	103477	19.777	ug/l	99
68) m/p-Xylenes	10.305	106	79132	39.309	ug/l	100
69) o-Xylene	10.640	106	38575	19.556	ug/l	98
70) Styrene	10.659	104	63042	19.705	ug/l	99
71) Bromoform	10.799	173	14169	18.057	ug/l #	99
73) Isopropylbenzene	10.963	105	102575	20.079	ug/l	99
74) N-amyl acetate	10.841	43	38712	18.965	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	26953	19.442	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	27700m	19.511	ug/l	
77) Bromobenzene	11.201	156	23505	19.356	ug/l	97
78) n-propylbenzene	11.305	91	114533	20.223	ug/l	100
79) 2-Chlorotoluene	11.366	91	68731	19.641	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	84948	20.204	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7568	18.929	ug/l	98
82) 4-Chlorotoluene	11.457	91	77988	19.866	ug/l	98
83) tert-Butylbenzene	11.713	119	80319	20.043	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	83129	19.601	ug/l	98
85) sec-Butylbenzene	11.890	105	101292	19.941	ug/l	99
86) p-Isopropyltoluene	12.012	119	86717	20.151	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	42619	19.153	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	43030	19.175	ug/l	99
89) n-Butylbenzene	12.335	91	70864	20.127	ug/l	99
90) Hexachloroethane	12.542	117	12811	20.598	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	41933	19.531	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5985	17.555	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	25588	18.884	ug/l	99
94) Hexachlorobutadiene	13.725	225	11462	19.999	ug/l	97
95) Naphthalene	13.780	128	88626	18.673	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	25956	18.918	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Reviewed By :John Carlone 02/14/2022
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Abundance

TIC: VX026962.D\data.ms

Time-->

Chlorodifluoromethane, T
Vinyl Chloride, P
Chloromethane, T
Trichlorofluoromethane, T
Acetone, T
Diethyl Ether, T
Acetone, 1,1,2-Trichloroethane, S
Methyl Isobutyl Disulfide, T
Methyl Acetyl Chloride, T
Methylene Chloride, T
Tert butyl alcohol, T
Acrylonitrile, T
Vinyl Acetate, T
1,1-Dichloroethane, P
Diisopropyl ether, T
2-Butanol, T
Ethyl Acetate, T
Chloroform, C
Cyclohexane, T
Dibromochloromethane, S
Pentadecafluorobenzene, I
Carbon tetrachloride, T
1,2-Dichloroethane, H
1,2-Dichloroethane, H
Isopropyl Acetate, T
1,4-Difluorobenzene, I
Trichloroethene, TM
1,2-Dichloroethane, T
Dibromochloromethane, T
1,4-Dichlorobenzene, T
Bromodichloromethane, T
cis-1,3-Dichloropropene, T
2-Chloroethyl Vinyl ether, T
4-Methyl-2-Pentanol, T
Toluene, CM
1,3-Dichloropropene, T
Ethyl Propyl Acetate, T
1,5-Dichloropropane, T
Tetrachloroethene, T
1,2-Dichloroethane, T
1,2-Dichloroethane, T
1,1,1,2-Tetrachloroethane, T
Ethyl Benzene, C
Chlorobenzene, PM
Chlorobenzene-d5, I
m/p-Xylenes, T
Styrene, P-Xylene, T
N-amyl acetate, T
trans-1,4-Dichloro-2-butene, T
Isopropylbenzene, T
1,2,3-Trichlorobenzene, T
2-Chlorotoluene, T
n-propylbenzene, T
1,2,4-Trimethylbenzene, T
1,2,4-Trimethylbenzene, T
1,3-Dichlorobenzene, T
sec-Butylbenzene, I
1,2-Dichlorobenzene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
1,2,4-Trichlorobenzene, T
Hexachlorocyclopentadiene, T
Naphthalene, T
1,2,3-Trichlorobenzene, T