

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031722\
 Data File : VX027482.D
 Acq On : 17 Mar 2022 12:08
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Quant Time: Mar 17 14:50:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 14:46:53 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/18/2022
 Supervised By : Mahesh Dadoda 03/18/2022

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

Internal Standards						
1) Pentafluorobenzene	5.555	168	374348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	574899	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	507468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	236918	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.000%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	3212	0.837	ug/l	94
3) Chloromethane	1.294	50	3232	0.801	ug/l	95
4) Vinyl Chloride	1.373	62	3592	0.866	ug/l	93
6) Chloroethane	1.684	64	2428	0.937	ug/l	94
7) Trichlorofluoromethane	1.885	101	5948	1.030	ug/l	94
8) Diethyl Ether	2.135	74	2121	0.943	ug/l	69
9) 1,1,2-Trichlorotrifluo...	2.324	101	3649	0.966	ug/l	95
12) 1,1-Dichloroethene	2.318	96	3572	0.984	ug/l	93
14) Allyl chloride	2.666	41	5552	0.975	ug/l #	91
15) Acrylonitrile	3.068	53	10234	4.544	ug/l	99
16) Acetone	2.379	43	11482	5.988	ug/l	91
17) Carbon Disulfide	2.507	76	9738	0.987	ug/l #	91
18) Methyl Acetate	2.708	43	4994	1.041	ug/l	90
19) Methyl tert-butyl Ether	3.117	73	11569	0.962	ug/l	95
20) Methylene Chloride	2.794	84	5090	1.193	ug/l	86
21) trans-1,2-Dichloroethene	3.093	96	3948	0.979	ug/l	98
22) Diisopropyl ether	3.769	45	10452	0.918	ug/l #	83
23) Vinyl Acetate	3.727	43	43362	4.554	ug/l	94
24) 1,1-Dichloroethane	3.617	63	6276	0.908	ug/l	98
25) 2-Butanone	4.568	43	14737	4.901	ug/l	93
26) 2,2-Dichloropropane	4.470	77	4885	0.986	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	4151	0.887	ug/l	92
28) Bromochloromethane	4.903	49	2579	0.897	ug/l #	92
29) Tetrahydrofuran	5.019	42	9203	4.625	ug/l	92
30) Chloroform	5.098	83	7109	0.975	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	6452	1.035	ug/l #	50
36) 1,1-Dichloropropene	5.702	75	5476	1.063	ug/l	98
37) Ethyl Acetate	4.720	43	4548	0.838	ug/l #	90
38) Carbon Tetrachloride	5.684	117	6123	1.150	ug/l	93
39) Methylcyclohexane	7.384	83	6326	0.973	ug/l	93
40) Benzene	6.043	78	14718	0.938	ug/l	95
41) Methacrylonitrile	4.934	41	2519	0.861	ug/l #	95
42) 1,2-Dichloroethane	6.098	62	5475	1.068	ug/l	97
43) Isopropyl Acetate	6.342	43	8148	0.996	ug/l	94
44) Trichloroethene	7.128	130	4304	0.999	ug/l	98
45) 1,2-Dichloropropane	7.433	63	3476	0.884	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.586	93	2765	0.989	ug/l	97
47) Bromodichloromethane	7.829	83	5213	1.009	ug/l #	87
48) Methyl methacrylate	7.701	41	3817	0.938	ug/l	85
49) 1,4-Dioxane	7.677	88	1954	18.335	ug/l #	91
51) 4-Methyl-2-Pentanone	8.579	43	25096	4.580	ug/l	93
52) Toluene	8.720	92	9561	0.956	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	4686	0.884	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	5586	0.939	ug/l	91
55) 1,1,2-Trichloroethane	9.152	97	3648	0.874	ug/l	98
56) Ethyl methacrylate	9.122	69	5127	0.833	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	6376	0.946	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	8652	2.784	ug/l	99
59) 2-Hexanone	9.433	43	19394	4.582	ug/l	90
60) Dibromochloromethane	9.524	129	3959	0.929	ug/l	100
61) 1,2-Dibromoethane	9.616	107	4076	0.946	ug/l	99
64) Tetrachloroethene	9.274	164	4301	1.209	ug/l	93
65) Chlorobenzene	10.079	112	10756	1.007	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.164	131	3886	1.041	ug/l #	65
67) Ethyl Benzene	10.195	91	17915	0.973	ug/l	98
68) m/p-Xylenes	10.305	106	13739	1.902	ug/l	97
69) o-Xylene	10.640	106	6739	0.945	ug/l	98
70) Styrene	10.658	104	10409	0.879	ug/l	98
71) Bromoform	10.805	173	2855	0.937	ug/l #	99
73) Isopropylbenzene	10.963	105	17763	1.025	ug/l	99
74) N-amyl acetate	10.847	43	6036	0.953	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.213	83	5845	0.982	ug/l	96
76) 1,2,3-Trichloropropane	11.243	75	5094m	0.980	ug/l	
77) Bromobenzene	11.201	156	4230	0.967	ug/l	94
78) n-propylbenzene	11.304	91	18152	0.931	ug/l	95
79) 2-Chlorotoluene	11.365	91	12321	1.011	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	14256	0.960	ug/l	97
82) 4-Chlorotoluene	11.457	91	13944	1.012	ug/l	100
83) tert-Butylbenzene	11.713	119	14242	0.959	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	13833	0.939	ug/l	98
85) sec-Butylbenzene	11.896	105	16409	0.916	ug/l	98
86) p-Isopropyltoluene	12.012	119	14184	0.935	ug/l	94
87) 1,3-Dichlorobenzene	11.975	146	8563	1.042	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	8708m	1.047	ug/l	
89) n-Butylbenzene	12.335	91	11818	0.931	ug/l	95
90) Hexachloroethane	12.536	117	2196	0.929	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	8240	1.017	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.951	75	1204	0.965	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	5530	1.040	ug/l	97
94) Hexachlorobutadiene	13.731	225	2416	1.036	ug/l	97
95) Naphthalene	13.780	128	16016	0.897	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	5604	1.055	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Reviewed By :John Carlone 03/18/2022
Supervised By :Mahesh Dadoda 03/18/2022

Abundance

TIC: VX027482.D\data.ms

Time-->

Chlorodifluoromethane, T
Vinyl Chloride, T
Chloroethane, T
Trichlorofluoromethane, T
Diethyl Ether, T
1,1-Dichloroethane, T
Carbon Disulfide, T
Methylene Chloride, T
Acetylene, T
1,1-Dichloroethane, P
Dichloroethane, T
2,2-Dichloropropane, T
Ethyl Acetate, T
Bromochloromethane, T
Chloroethane, T
1,1,1-Trichloroethane, T
Carbon tetrachloride, T
Benzene, TM
Isopropyl Acetate, T
1,4-Difluorobenzene, I
Pentafluorobenzene, I
Trichloroethene, TM
Methyl Chloroform, T
Bromochloromethane, T
cis-1,3-Dichloropropene, T
2-Chloroethyl Vinyl ether, T
4-Methyl-2-Pentanone, T
Toluene, CM
1,1,3-Dichloropropane, T
Ethylmethylcarbamate, T
1,3,5-Trichlorobenzene, T
1,3,5-Hexatriene, T
Dichloromethane, T
1,4-Dichlorobenzene, TM
1,4-Dichlorobenzene, I
m,p-Xylenes, T
Styrene, T
Bromochloroacetate, T
Isopropylbenzene, T
1,2-Dichlorobenzene, P
2,2,4,4-Tetrachlorobutane, T
1,2-Dichlorobenzene, T
1,3-Dichlorobenzene, T
1,4-Dichlorobenzene, T
p-Isopropyltoluene, T
Hexachloroethane, T
1,2-Dibromo-3-Chloropropane, T
1,2,4-Trichlorobenzene, T
1,2,3-Trichlorobenzene, T