

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030122\
 Data File : VX027241.D
 Acq On : 01 Mar 2022 12:11
 Operator : JC/MD
 Sample : VX0301WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0301WBS01

Quant Time: Mar 02 00:33:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/02/2022
 Supervised By : Mahesh Dadoda 03/02/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	81366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	126459	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	114734	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46013	47.086	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	94.180%		
35) Dibromofluoromethane	5.391	113	38718	49.325	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.660%		
50) Toluene-d8	8.653	98	145516	49.579	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.160%		
62) 4-Bromofluorobenzene	11.079	95	54609	48.472	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.940%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	14170	17.520	ug/l	99
3) Chloromethane	1.294	50	13018	17.219	ug/l	97
4) Vinyl Chloride	1.380	62	12178	16.171	ug/l	100
5) Bromomethane	1.605	94	7428	22.036	ug/l	98
6) Chloroethane	1.691	64	8000	17.300	ug/l	97
7) Trichlorofluoromethane	1.892	101	21649	18.484	ug/l	99
8) Diethyl Ether	2.136	74	7072	17.347	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.331	101	15462	18.950	ug/l	97
10) Methyl Iodide	2.459	142	15399	14.055	ug/l	96
11) Tert butyl alcohol	2.959	59	15409	81.043	ug/l	95
12) 1,1-Dichloroethene	2.325	96	14232	17.967	ug/l	91
13) Acrolein	2.239	56	14712	83.715	ug/l	99
14) Allyl chloride	2.666	41	24713	17.720	ug/l	96
15) Acrylonitrile	3.062	53	45524	93.309	ug/l	98
16) Acetone	2.380	43	40299	93.925	ug/l	94
17) Carbon Disulfide	2.514	76	35038	17.011	ug/l	98
18) Methyl Acetate	2.709	43	19907	17.976	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	49846	18.339	ug/l	100
20) Methylene Chloride	2.794	84	16818	18.912	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	15980	18.917	ug/l	90
22) Diisopropyl ether	3.763	45	50141	18.442	ug/l	93
23) Vinyl Acetate	3.727	43	210255	91.576	ug/l	97
24) 1,1-Dichloroethane	3.611	63	28408	18.483	ug/l	99
25) 2-Butanone	4.562	43	62163	90.977	ug/l	98
26) 2,2-Dichloropropane	4.483	77	20424	18.317	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	18108	18.484	ug/l	95
28) Bromochloromethane	4.903	49	12712	20.444	ug/l	88
29) Tetrahydrofuran	5.007	42	40568	88.709	ug/l	94
30) Chloroform	5.105	83	29862	18.706	ug/l	97
31) Cyclohexane	5.477	56	25980	17.752	ug/l	100
32) 1,1,1-Trichloroethane	5.385	97	25467	18.428	ug/l	99
36) 1,1-Dichloropropene	5.696	75	22235	19.409	ug/l	98
37) Ethyl Acetate	4.714	43	22989	18.277	ug/l	98
38) Carbon Tetrachloride	5.684	117	22905	19.171	ug/l	99
39) Methylcyclohexane	7.379	83	27179	19.072	ug/l	96
40) Benzene	6.043	78	65119	19.438	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	13265	19.225	ug/l	95
42) 1,2-Dichloroethane	6.092	62	23266	19.576	ug/l	97
43) Isopropyl Acetate	6.342	43	36023	18.617	ug/l	97
44) Trichloroethene	7.129	130	19122	19.081	ug/l	96
45) 1,2-Dichloropropane	7.433	63	16326	19.945	ug/l	97
46) Dibromomethane	7.586	93	11739	19.967	ug/l	95
47) Bromodichloromethane	7.818	83	22792	19.862	ug/l #	88
48) Methyl methacrylate	7.696	41	18445	19.694	ug/l	95
49) 1,4-Dioxane	7.659	88	7975	376.654	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	121789	96.841	ug/l	96
52) Toluene	8.720	92	41692	19.435	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	21245	18.360	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	25776	20.123	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	16919	19.913	ug/l	99
56) Ethyl methacrylate	9.116	69	24844	18.781	ug/l	93
57) 1,3-Dichloropropane	9.311	76	28207	19.960	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	60319	94.600	ug/l	97
59) 2-Hexanone	9.433	43	94345	98.154	ug/l	97
60) Dibromochloromethane	9.525	129	17799	20.194	ug/l	99
61) 1,2-Dibromoethane	9.610	107	17560	19.407	ug/l	100
64) Tetrachloroethene	9.275	164	19209	18.505	ug/l	94
65) Chlorobenzene	10.079	112	45506	19.457	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	16502	19.457	ug/l	98
67) Ethyl Benzene	10.195	91	79710	19.414	ug/l	100
68) m/p-Xylenes	10.299	106	63254	40.075	ug/l	96
69) o-Xylene	10.640	106	30388	19.182	ug/l	98
70) Styrene	10.659	104	50568	19.508	ug/l	98
71) Bromoform	10.799	173	12097	18.724	ug/l #	98
73) Isopropylbenzene	10.963	105	80440	19.370	ug/l	97
74) N-amyl acetate	10.841	43	29644	18.761	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	23798	19.402	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	22885m	19.577	ug/l	
77) Bromobenzene	11.201	156	19959	19.269	ug/l	93
78) n-propylbenzene	11.305	91	91915	19.474	ug/l	98
79) 2-Chlorotoluene	11.366	91	54847	18.963	ug/l	95
80) 1,3,5-Trimethylbenzene	11.451	105	68720	19.680	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	6087	18.709	ug/l	96
82) 4-Chlorotoluene	11.457	91	63471	19.210	ug/l	96
83) tert-Butylbenzene	11.713	119	66771	19.665	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	68215	19.639	ug/l	98
85) sec-Butylbenzene	11.890	105	85183	20.008	ug/l	99
86) p-Isopropyltoluene	12.012	119	73188	20.165	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	37341	19.158	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	39060	19.600	ug/l	98
89) n-Butylbenzene	12.335	91	57720	19.027	ug/l	99
90) Hexachloroethane	12.542	117	10294	18.310	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	36597	19.244	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5232	18.373	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	22552	18.792	ug/l	98
94) Hexachlorobutadiene	13.725	225	9630	19.328	ug/l	97
95) Naphthalene	13.774	128	76441	18.745	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	23145	19.241	ug/l	99

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

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