

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
 Data File : VX030133.D
 Acq On : 20 Jul 2022 15:32
 Operator : JC/MD
 Sample : VX0721WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0721WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/21/2022
 Supervised By : Mahesh Dadoda 07/21/2022

Quant Time: Jul 21 03:30:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	187902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	330644	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	291565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	143756	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	121989	53.338	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.680%			
35) Dibromofluoromethane	5.391	113	104659	49.548	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.100%			
50) Toluene-d8	8.653	98	391368	49.265	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.520%			
62) 4-Bromofluorobenzene	11.086	95	140939	51.123	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.240%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	44071	20.058	ug/l	100
3) Chloromethane	1.288	50	41470	21.179	ug/l	98
4) Vinyl Chloride	1.374	62	42503	19.543	ug/l	95
5) Bromomethane	1.605	94	21363	23.124	ug/l	94
6) Chloroethane	1.685	64	24275	19.821	ug/l	95
7) Trichlorofluoromethane	1.886	101	59165	21.065	ug/l	98
8) Diethyl Ether	2.136	74	22988	19.784	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.325	101	42538	22.185	ug/l	99
10) Methyl Iodide	2.453	142	36035	20.628	ug/l	97
11) Tert butyl alcohol	2.983	59	59795	101.300	ug/l	97
12) 1,1-Dichloroethene	2.319	96	40913	21.371	ug/l	93
13) Acrolein	2.246	56	7436	63.252	ug/l	100
14) Allyl chloride	2.660	41	77472	23.157	ug/l	97
15) Acrylonitrile	3.069	53	153487	114.413	ug/l	98
16) Acetone	2.386	43	126911	117.761	ug/l	93
17) Carbon Disulfide	2.508	76	100333	18.491	ug/l	99
18) Methyl Acetate	2.709	43	76385	23.298	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	137190	22.671	ug/l	98
20) Methylene Chloride	2.788	84	50094	21.931	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	43415	21.757	ug/l	93
22) Diisopropyl ether	3.764	45	153989	23.515	ug/l	93
23) Vinyl Acetate	3.727	43	671092	121.053	ug/l	99
24) 1,1-Dichloroethane	3.611	63	81143	22.361	ug/l	98
25) 2-Butanone	4.562	43	218133	118.822	ug/l	100
26) 2,2-Dichloropropane	4.477	77	59383	23.296	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	51288	20.988	ug/l	96
28) Bromochloromethane	4.898	49	35847	23.481	ug/l	97
29) Tetrahydrofuran	5.013	42	144376	115.885	ug/l	97
30) Chloroform	5.093	83	82406	22.787	ug/l	97
31) Cyclohexane	5.471	56	73991	22.317	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	65969	22.319	ug/l	98
36) 1,1-Dichloropropene	5.696	75	60364	22.124	ug/l	97
37) Ethyl Acetate	4.715	43	78790	22.473	ug/l	99
38) Carbon Tetrachloride	5.684	117	56336	22.142	ug/l	97
39) Methylcyclohexane	7.379	83	77099	22.291	ug/l	98
40) Benzene	6.038	78	187168	21.795	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	44252	23.442	ug/l	96
42) 1,2-Dichloroethane	6.093	62	62275	23.399	ug/l	99
43) Isopropyl Acetate	6.349	43	121641	23.073	ug/l	97
44) Trichloroethene	7.129	130	50606	20.167	ug/l	100
45) 1,2-Dichloropropane	7.428	63	49628	22.233	ug/l	99
46) Dibromomethane	7.586	93	32949	21.447	ug/l	98
47) Bromodichloromethane	7.824	83	61261	21.976	ug/l	95
48) Methyl methacrylate	7.696	41	58588	24.086	ug/l	95
49) 1,4-Dioxane	7.678	88	26861	425.027	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	415470	119.094	ug/l	98
52) Toluene	8.720	92	118138	21.664	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	64059	22.123	ug/l	93
54) cis-1,3-Dichloropropene	8.366	75	71898	21.674	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	48347	21.499	ug/l	97
56) Ethyl methacrylate	9.116	69	77780	23.005	ug/l	96
57) 1,3-Dichloropropane	9.311	76	80447	22.520	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.245	63	184640	100.572	ug/l	98
59) 2-Hexanone	9.433	43	323875	121.063	ug/l	97
60) Dibromochloromethane	9.525	129	44880	20.485	ug/l	100
61) 1,2-Dibromoethane	9.610	107	49210	21.026	ug/l	99
64) Tetrachloroethene	9.275	164	50309	21.495	ug/l	99
65) Chlorobenzene	10.080	112	122009	21.015	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	42843	21.645	ug/l	99
67) Ethyl Benzene	10.195	91	220628	22.421	ug/l	98
68) m/p-Xylenes	10.305	106	170032	44.056	ug/l	97
69) o-Xylene	10.647	106	83227	21.537	ug/l	97
70) Styrene	10.659	104	136782	21.326	ug/l	98
71) Bromoform	10.805	173	30970	19.475	ug/l	97
73) Isopropylbenzene	10.964	105	212930	21.272	ug/l	99
74) N-amyl acetate	10.842	43	94133	21.411	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.214	83	74568	20.648	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	72444m	21.918	ug/l	
77) Bromobenzene	11.201	156	49250	19.665	ug/l	94
78) n-propylbenzene	11.305	91	257103	21.651	ug/l	100
79) 2-Chlorotoluene	11.366	91	152368	21.422	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	180598	21.412	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22813	19.919	ug/l	93
82) 4-Chlorotoluene	11.457	91	176158	22.105	ug/l	98
83) tert-Butylbenzene	11.713	119	168470	20.828	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	182853	21.918	ug/l	98
85) sec-Butylbenzene	11.890	105	238637	22.317	ug/l	99
86) p-Isopropyltoluene	12.012	119	189215	22.057	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	95818	20.707	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	98417	20.725	ug/l	98
89) n-Butylbenzene	12.335	91	185798	24.173	ug/l	99
90) Hexachloroethane	12.543	117	30560	20.839	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	99655	21.198	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	19372	23.493	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	59340	20.550	ug/l	98
94) Hexachlorobutadiene	13.725	225	23473	20.361	ug/l	98
95) Naphthalene	13.780	128	232143	20.254	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	61610	20.969	ug/l	99

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

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