

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030922\
 Data File : VX027352.D
 Acq On : 09 Mar 2022 16:12
 Operator : JC/MD
 Sample : VX0309WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0309WBS01

Quant Time: Mar 10 05:45:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X030822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 15:54:34 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/10/2022
 Supervised By : Mahesh Dadoda 03/11/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	287459	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	446115	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	408911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	202577	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	184415	55.013	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 110.020%			
35) Dibromofluoromethane	5.385	113	147721	51.317	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 102.640%			
50) Toluene-d8	8.647	98	540243	49.712	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.420%			
62) 4-Bromofluorobenzene	11.079	95	203330	49.090	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	68734	23.326	ug/l	99
3) Chloromethane	1.294	50	59361	19.158	ug/l	99
4) Vinyl Chloride	1.374	62	63462	19.928	ug/l	100
5) Bromomethane	1.599	94	43040	31.519	ug/l	98
6) Chloroethane	1.685	64	38236	19.510	ug/l	99
7) Trichlorofluoromethane	1.886	101	102926	23.209	ug/l	98
8) Diethyl Ether	2.136	74	35498	20.543	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	61204	21.110	ug/l	96
10) Methyl Iodide	2.453	142	86117	21.043	ug/l	94
11) Tert butyl alcohol	2.959	59	72330	110.063	ug/l	99
12) 1,1-Dichloroethene	2.319	96	56229	20.173	ug/l	99
13) Acrolein	2.233	56	39577	85.916	ug/l	97
14) Allyl chloride	2.666	41	90108	20.611	ug/l	90
15) Acrylonitrile	3.062	53	172879	99.959	ug/l	98
16) Acetone	2.380	43	189938	144.984	ug/l	90
17) Carbon Disulfide	2.508	76	138004	18.224	ug/l	100
18) Methyl Acetate	2.703	43	76267	20.697	ug/l	93
19) Methyl tert-butyl Ether	3.117	73	193032	20.903	ug/l	100
20) Methylene Chloride	2.788	84	62960	19.225	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	59495	19.204	ug/l	100
22) Diisopropyl ether	3.764	45	181606	20.779	ug/l	90
23) Vinyl Acetate	3.721	43	805543	110.173	ug/l	94
24) 1,1-Dichloroethane	3.611	63	109184	20.574	ug/l	97
25) 2-Butanone	4.556	43	256312	111.002	ug/l	96
26) 2,2-Dichloropropane	4.477	77	83832	22.032	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	69434	19.318	ug/l	98
28) Bromochloromethane	4.897	49	34261	15.516	ug/l	97
29) Tetrahydrofuran	5.007	42	157771	103.264	ug/l	91
30) Chloroform	5.099	83	118210	21.104	ug/l	99
31) Cyclohexane	5.471	56	94290	20.109	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	105180	21.970	ug/l	98
36) 1,1-Dichloropropene	5.696	75	86475	21.637	ug/l	99
37) Ethyl Acetate	4.721	43	92150	21.873	ug/l	97
38) Carbon Tetrachloride	5.678	117	93368	22.592	ug/l	98
39) Methylcyclohexane	7.379	83	103774	20.562	ug/l	96
40) Benzene	6.038	78	244857	20.115	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	49456	21.773	ug/l	93
42) 1,2-Dichloroethane	6.086	62	98743	24.832	ug/l	95
43) Isopropyl Acetate	6.342	43	139650	21.989	ug/l	94
44) Trichloroethene	7.129	130	68363	20.447	ug/l	98
45) 1,2-Dichloropropane	7.434	63	62259	20.412	ug/l	99
46) Dibromomethane	7.586	93	48336	22.274	ug/l	96
47) Bromodichloromethane	7.824	83	89684	22.379	ug/l	99
48) Methyl methacrylate	7.696	41	70844	22.433	ug/l	84
49) 1,4-Dioxane	7.659	88	33825	409.014	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	482701	113.527	ug/l	92
52) Toluene	8.720	92	158693	20.450	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	86985	21.155	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	97780	21.184	ug/l #	86
55) 1,1,2-Trichloroethane	9.153	97	67851	20.951	ug/l	99
56) Ethyl methacrylate	9.116	69	97890	20.492	ug/l #	81
57) 1,3-Dichloropropane	9.311	76	108131	20.683	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	225835	93.636	ug/l	100
59) 2-Hexanone	9.433	43	385661	117.423	ug/l	89
60) Dibromochloromethane	9.525	129	70718	21.395	ug/l	96
61) 1,2-Dibromoethane	9.610	107	70986	21.225	ug/l	100
64) Tetrachloroethene	9.275	164	59965	20.926	ug/l	98
65) Chlorobenzene	10.079	112	178646	20.766	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	64235	21.356	ug/l	99
67) Ethyl Benzene	10.195	91	314088	21.171	ug/l	100
68) m/p-Xylenes	10.305	106	245545	42.195	ug/l	97
69) o-Xylene	10.640	106	119573	20.812	ug/l	96
70) Styrene	10.659	104	197570	20.716	ug/l	97
71) Bromoform	10.799	173	50385	20.512	ug/l #	100
73) Isopropylbenzene	10.963	105	317373	21.421	ug/l	99
74) N-amyl acetate	10.842	43	120496	22.252	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	102881	20.207	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	95040m	21.383	ug/l	
77) Bromobenzene	11.201	156	78236	20.926	ug/l	97
78) n-propylbenzene	11.305	91	366170	21.972	ug/l	99
79) 2-Chlorotoluene	11.366	91	221370	21.253	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	273116	21.502	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	26799	19.500	ug/l #	79
82) 4-Chlorotoluene	11.457	91	251280	21.326	ug/l	99
83) tert-Butylbenzene	11.719	119	268802	21.171	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	269755	21.413	ug/l	99
85) sec-Butylbenzene	11.890	105	332932	21.741	ug/l	99
86) p-Isopropyltoluene	12.012	119	281948	21.747	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	144691	20.600	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	146678	20.626	ug/l	97
89) n-Butylbenzene	12.335	91	237208	21.843	ug/l	97
90) Hexachloroethane	12.542	117	43274	21.415	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	142557	20.585	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24269	22.751	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	93993	20.677	ug/l	98
94) Hexachlorobutadiene	13.725	225	41730	20.935	ug/l	96
95) Naphthalene	13.774	128	313638	20.552	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	93563	20.596	ug/l	97

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

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