

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031622\
 Data File : VX027466.D
 Acq On : 16 Mar 2022 13:18
 Operator : JC/MD
 Sample : VX0316WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0316WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/17/2022
 Supervised By : Mahesh Dadoda 03/17/2022

Quant Time: Mar 17 00:49:54 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	297277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	457556	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	423159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	220061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	202502	58.413	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 116.820%			
35) Dibromofluoromethane	5.385	113	163592	55.409	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 110.820%			
50) Toluene-d8	8.647	98	586414	52.611	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 105.220%			
62) 4-Bromofluorobenzene	11.079	95	231722	54.546	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 109.100%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	56025	18.385	ug/l	97
3) Chloromethane	1.294	50	48125	15.019	ug/l	100
4) Vinyl Chloride	1.374	62	53048	16.108	ug/l	99
5) Bromomethane	1.599	94	38739	26.690	ug/l	98
6) Chloroethane	1.685	64	34465	16.958	ug/l	98
7) Trichlorofluoromethane	1.886	101	94346	20.572	ug/l	97
8) Diethyl Ether	2.130	74	34388	19.243	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	59872	19.968	ug/l	93
10) Methyl Iodide	2.453	142	75746	17.898	ug/l	98
11) Tert butyl alcohol	2.959	59	75890	111.666	ug/l	100
12) 1,1-Dichloroethene	2.319	96	55588	19.285	ug/l	93
13) Acrolein	2.233	56	32252	67.702	ug/l	96
14) Allyl chloride	2.660	41	85950	19.010	ug/l	96
15) Acrylonitrile	3.062	53	175147	97.926	ug/l	98
16) Acetone	2.380	43	151849	111.418	ug/l	93
17) Carbon Disulfide	2.508	76	124478	15.895	ug/l	100
18) Methyl Acetate	2.703	43	76967	20.197	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	200934	21.040	ug/l	99
20) Methylene Chloride	2.788	84	63796	18.837	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	57430	17.925	ug/l	99
22) Diisopropyl ether	3.757	45	171412	18.965	ug/l #	79
23) Vinyl Acetate	3.721	43	758765	100.348	ug/l	95
24) 1,1-Dichloroethane	3.611	63	100691	18.347	ug/l	98
25) 2-Butanone	4.556	43	230369	96.472	ug/l	95
26) 2,2-Dichloropropane	4.477	77	81049	20.597	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	66422	17.869	ug/l	98
28) Bromochloromethane	4.897	49	45194	19.791	ug/l	96
29) Tetrahydrofuran	5.007	42	147523	93.367	ug/l	92
30) Chloroform	5.099	83	112081	19.349	ug/l	99
31) Cyclohexane	5.470	56	83455	17.210	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	99849	20.168	ug/l	100
36) 1,1-Dichloropropene	5.690	75	77874	18.998	ug/l	99
37) Ethyl Acetate	4.715	43	87144	20.168	ug/l	99
38) Carbon Tetrachloride	5.678	117	89587	21.135	ug/l	98
39) Methylcyclohexane	7.379	83	94010	18.162	ug/l	96
40) Benzene	6.037	78	224229	17.960	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	46207	19.834	ug/l	93
42) 1,2-Dichloroethane	6.086	62	92329	22.638	ug/l	96
43) Isopropyl Acetate	6.342	43	133464	20.490	ug/l	96
44) Trichloroethene	7.129	130	64919	18.932	ug/l	99
45) 1,2-Dichloropropane	7.434	63	58959	18.847	ug/l	95
46) Dibromomethane	7.580	93	45360	20.380	ug/l	98
47) Bromodichloromethane	7.824	83	87226	21.221	ug/l	99
48) Methyl methacrylate	7.696	41	67935	20.974	ug/l	88
49) 1,4-Dioxane	7.659	88	33808	398.586	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	459258	105.313	ug/l	93
52) Toluene	8.720	92	150548	18.915	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	88560	20.999	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	95312	20.133	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	65393	19.687	ug/l	97
56) Ethyl methacrylate	9.116	69	97716	19.944	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	104635	19.514	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	258864	104.647	ug/l	98
59) 2-Hexanone	9.433	43	356118	105.717	ug/l	90
60) Dibromochloromethane	9.525	129	72199	21.297	ug/l	96
61) 1,2-Dibromoethane	9.610	107	69521	20.267	ug/l	98
64) Tetrachloroethene	9.275	164	62387	21.038	ug/l	97
65) Chlorobenzene	10.079	112	171455	19.259	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	65831	21.150	ug/l	98
67) Ethyl Benzene	10.195	91	296720	19.327	ug/l	98
68) m/p-Xylenes	10.305	106	232919	38.677	ug/l	98
69) o-Xylene	10.640	106	115271	19.388	ug/l	98
70) Styrene	10.659	104	193010	19.557	ug/l	98
71) Bromoform	10.799	173	53058	20.873	ug/l #	98
73) Isopropylbenzene	10.963	105	305505	18.982	ug/l	99
74) N-amyl acetate	10.841	43	116462	19.799	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	101288	18.314	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	95504m	19.781	ug/l	
77) Bromobenzene	11.201	156	77776	19.150	ug/l	96
78) n-propylbenzene	11.305	91	343234	18.959	ug/l	99
79) 2-Chlorotoluene	11.366	91	214776	18.982	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	262828	19.048	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	27323	18.302	ug/l #	81
82) 4-Chlorotoluene	11.457	91	247751	19.356	ug/l	100
83) tert-Butylbenzene	11.713	119	263418	19.099	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	262707	19.196	ug/l	99
85) sec-Butylbenzene	11.890	105	320122	19.244	ug/l	100
86) p-Isopropyltoluene	12.012	119	273441	19.415	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	143140	18.760	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	146184	18.923	ug/l	98
89) n-Butylbenzene	12.335	91	226141	19.170	ug/l	97
90) Hexachloroethane	12.542	117	43118	19.643	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	143796	19.114	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	24219	20.901	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	91464	18.522	ug/l	99
94) Hexachlorobutadiene	13.725	225	41080	18.972	ug/l	94
95) Naphthalene	13.780	128	309515	18.670	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	91315	18.504	ug/l	96

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

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