

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031522\
 Data File : VX027445.D
 Acq On : 15 Mar 2022 14:23
 Operator : JC/MD
 Sample : VX0315WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0315WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/16/2022
 Supervised By : Mahesh Dadoda 03/16/2022

Quant Time: Mar 16 04:16:47 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	5.556	168	293779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	453802	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	468882	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	217953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	195214	56.982	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 113.960%			
35) Dibromofluoromethane	5.385	113	157735	53.867	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 107.740%			
50) Toluene-d8	8.647	98	563998	51.018	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.040%			
62) 4-Bromofluorobenzene	11.079	95	240470	57.074	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 114.140%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	55820	18.536	ug/l	99
3) Chloromethane	1.295	50	50604	15.980	ug/l	100
4) Vinyl Chloride	1.374	62	54636	16.787	ug/l	97
5) Bromomethane	1.599	94	39703	27.892	ug/l	99
6) Chloroethane	1.685	64	35734	17.806	ug/l	99
7) Trichlorofluoromethane	1.886	101	93501	20.630	ug/l	97
8) Diethyl Ether	2.130	74	35900	20.329	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	59603	20.115	ug/l	96
10) Methyl Iodide	2.453	142	68730	16.433	ug/l	96
11) Tert butyl alcohol	2.959	59	66558	99.101	ug/l	98
12) 1,1-Dichloroethene	2.319	96	54316	19.068	ug/l	94
13) Acrolein	2.233	56	34484	73.249	ug/l	98
14) Allyl chloride	2.660	41	80625	18.045	ug/l	91
15) Acrylonitrile	3.062	53	162649	92.021	ug/l	98
16) Acetone	2.380	43	146566	108.755	ug/l	95
17) Carbon Disulfide	2.508	76	117701	15.208	ug/l	100
18) Methyl Acetate	2.703	43	73143	19.422	ug/l	93
19) Methyl tert-butyl Ether	3.111	73	180282	19.102	ug/l	99
20) Methylene Chloride	2.788	84	57904	17.301	ug/l	95
21) trans-1,2-Dichloroethene	3.093	96	52471	16.573	ug/l	94
22) Diisopropyl ether	3.764	45	169946	19.026	ug/l	91
23) Vinyl Acetate	3.721	43	743270	99.469	ug/l	94
24) 1,1-Dichloroethane	3.611	63	99086	18.269	ug/l	98
25) 2-Butanone	4.556	43	225662	95.626	ug/l	95
26) 2,2-Dichloropropane	4.477	77	75256	19.352	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	64231	17.486	ug/l	99
28) Bromochloromethane	4.904	49	36973	16.384	ug/l	97
29) Tetrahydrofuran	5.007	42	144265	92.393	ug/l	92
30) Chloroform	5.099	83	108899	19.023	ug/l	98
31) Cyclohexane	5.471	56	81140	16.932	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	96531	19.730	ug/l	99
36) 1,1-Dichloropropene	5.696	75	74846	18.410	ug/l	99
37) Ethyl Acetate	4.715	43	84668	19.757	ug/l	98
38) Carbon Tetrachloride	5.678	117	87067	20.711	ug/l	97
39) Methylcyclohexane	7.379	83	90667	17.661	ug/l	96
40) Benzene	6.038	78	224753	18.151	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	45012	19.481	ug/l	94
42) 1,2-Dichloroethane	6.092	62	91179	22.541	ug/l	95
43) Isopropyl Acetate	6.342	43	130047	20.130	ug/l	95
44) Trichloroethene	7.129	130	64080	18.842	ug/l	97
45) 1,2-Dichloropropane	7.434	63	58897	18.983	ug/l	97
46) Dibromomethane	7.580	93	43611	19.756	ug/l	98
47) Bromodichloromethane	7.824	83	85345	20.935	ug/l	99
48) Methyl methacrylate	7.696	41	65890	20.510	ug/l	87
49) 1,4-Dioxane	7.659	88	33043	392.790	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	447470	103.459	ug/l	92
52) Toluene	8.720	92	147718	18.713	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	84170	20.123	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	91934	19.581	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	63796	19.365	ug/l	99
56) Ethyl methacrylate	9.116	69	92502	19.036	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	103471	19.456	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	204795	83.474	ug/l	99
59) 2-Hexanone	9.433	43	356584	106.731	ug/l	93
60) Dibromochloromethane	9.525	129	73134	21.751	ug/l	96
61) 1,2-Dibromoethane	9.610	107	74143	21.794	ug/l	98
64) Tetrachloroethene	9.275	164	60210	18.324	ug/l	98
65) Chlorobenzene	10.080	112	184641	18.717	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	68370	19.824	ug/l	97
67) Ethyl Benzene	10.195	91	318426	18.718	ug/l	98
68) m/p-Xylenes	10.305	106	253489	37.988	ug/l	100
69) o-Xylene	10.647	106	124516	18.900	ug/l	99
70) Styrene	10.659	104	210217	19.223	ug/l	100
71) Bromoform	10.799	173	56768	20.155	ug/l #	99
73) Isopropylbenzene	10.964	105	328046	20.580	ug/l	100
74) N-amyl acetate	10.842	43	111760	19.183	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	110124	20.104	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	98546m	20.608	ug/l	
77) Bromobenzene	11.201	156	83799	20.833	ug/l	94
78) n-propylbenzene	11.305	91	361710	20.173	ug/l	97
79) 2-Chlorotoluene	11.366	91	219541	19.591	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	257033	18.808	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	28713	19.419	ug/l #	86
82) 4-Chlorotoluene	11.457	91	238754	18.834	ug/l	100
83) tert-Butylbenzene	11.719	119	251082	18.381	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	253829	18.727	ug/l	99
85) sec-Butylbenzene	11.890	105	306390	18.597	ug/l	99
86) p-Isopropyltoluene	12.012	119	260437	18.671	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	139296	18.433	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	142320	18.601	ug/l	98
89) n-Butylbenzene	12.335	91	215504	18.445	ug/l	97
90) Hexachloroethane	12.543	117	42578	19.585	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	138925	18.645	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23795	20.733	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	85561	17.494	ug/l	97
94) Hexachlorobutadiene	13.725	225	39491	18.414	ug/l	93
95) Naphthalene	13.780	128	292490	17.814	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	88991	18.208	ug/l	95

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

