

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027610.D
 Acq On : 22 Mar 2022 13:19
 Operator : JC/MD
 Sample : VX0322WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/24/2022
 Supervised By : Mahesh Dadoda 03/24/2022

Quant Time: Mar 23 01:45:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031722W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 15:02:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	374684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	564787	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	502511	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	246347	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	190455	41.262	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	82.520%		
35) Dibromofluoromethane	5.385	113	195202	53.719	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	107.440%		
50) Toluene-d8	8.647	98	719137	52.299	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	104.600%		
62) 4-Bromofluorobenzene	11.079	95	257530	50.955	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	101.920%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	65303	18.158	ug/l	98
3) Chloromethane	1.294	50	59819	18.737	ug/l	99
4) Vinyl Chloride	1.374	62	69536	18.850	ug/l	98
5) Bromomethane	1.599	94	46694	21.639	ug/l	96
6) Chloroethane	1.685	64	41952	18.533	ug/l	99
7) Trichlorofluoromethane	1.886	101	102935	16.904	ug/l	97
8) Diethyl Ether	2.136	74	38716	17.069	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	67650	18.656	ug/l	94
10) Methyl Iodide	2.453	142	81307	16.939	ug/l	99
11) Tert butyl alcohol	2.965	59	68406	77.763	ug/l	99
12) 1,1-Dichloroethene	2.319	96	62604	17.994	ug/l	92
13) Acrolein	2.239	56	34737	50.887	ug/l	96
14) Allyl chloride	2.666	41	95227	17.491	ug/l	96
15) Acrylonitrile	3.062	53	185663	92.837	ug/l	99
16) Acetone	2.380	43	168889	89.767	ug/l	99
17) Carbon Disulfide	2.514	76	152623	17.240	ug/l	100
18) Methyl Acetate	2.709	43	78292	17.363	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	208431	17.756	ug/l	98
20) Methylene Chloride	2.788	84	71740	17.735	ug/l	100
21) trans-1,2-Dichloroethene	3.093	96	69784	18.803	ug/l	94
22) Diisopropyl ether	3.763	45	197719	18.596	ug/l #	89
23) Vinyl Acetate	3.721	43	839584	90.803	ug/l	96
24) 1,1-Dichloroethane	3.611	63	120018	18.560	ug/l	99
25) 2-Butanone	4.556	43	255385	90.222	ug/l	98
26) 2,2-Dichloropropane	4.477	77	90037	17.051	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	80970	18.813	ug/l	94
28) Bromochloromethane	4.903	49	38636	14.811	ug/l	89
29) Tetrahydrofuran	5.007	42	156460	86.163	ug/l	96
30) Chloroform	5.099	83	124669	17.477	ug/l	99
31) Cyclohexane	5.470	56	104492	18.231	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	110766	17.055	ug/l	97
36) 1,1-Dichloropropene	5.690	75	92991	18.727	ug/l	97
37) Ethyl Acetate	4.714	43	89711	18.130	ug/l	99
38) Carbon Tetrachloride	5.678	117	101758	17.912	ug/l	97
39) Methylcyclohexane	7.379	83	119573	19.149	ug/l	99
40) Benzene	6.037	78	274048	19.236	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	49909	18.495	ug/l	97
42) 1,2-Dichloroethane	6.092	62	90606	16.970	ug/l	98
43) Isopropyl Acetate	6.342	43	138753	17.424	ug/l	99
44) Trichloroethene	7.129	130	83163	19.230	ug/l	99
45) 1,2-Dichloropropane	7.433	63	70219	19.351	ug/l	99
46) Dibromomethane	7.580	93	51165	18.458	ug/l	96
47) Bromodichloromethane	7.824	83	95467	18.291	ug/l	97
48) Methyl methacrylate	7.696	41	71581	18.163	ug/l	93
49) 1,4-Dioxane	7.659	88	34001	335.899	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	474802	93.401	ug/l	97
52) Toluene	8.720	92	183581	19.230	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	94937	17.722	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	107230	18.392	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	75314	19.376	ug/l	97
56) Ethyl methacrylate	9.116	69	107275	18.446	ug/l	93
57) 1,3-Dichloropropane	9.311	76	120950	19.166	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	239889	80.649	ug/l	98
59) 2-Hexanone	9.433	43	368478	94.114	ug/l	94
60) Dibromochloromethane	9.525	129	77335	18.073	ug/l	97
61) 1,2-Dibromoethane	9.610	107	79232	18.546	ug/l	97
64) Tetrachloroethene	9.275	164	82782	21.187	ug/l	96
65) Chlorobenzene	10.079	112	202551	19.594	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	73803	19.136	ug/l	99
67) Ethyl Benzene	10.195	91	345311	19.516	ug/l	99
68) m/p-Xylenes	10.305	106	276663	39.712	ug/l	99
69) o-Xylene	10.640	106	134184	19.837	ug/l	99
70) Styrene	10.659	104	218609	19.784	ug/l	100
71) Bromoform	10.799	173	54935	17.829	ug/l #	99
73) Isopropylbenzene	10.963	105	351662	19.598	ug/l	100
74) N-amyl acetate	10.841	43	113941	17.908	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	109677	19.296	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	100651m	19.533	ug/l	
77) Bromobenzene	11.201	156	90315	19.969	ug/l	91
78) n-propylbenzene	11.305	91	389399	19.769	ug/l	98
79) 2-Chlorotoluene	11.366	91	236777	19.163	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	301587	19.970	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	28151	16.592	ug/l	89
82) 4-Chlorotoluene	11.457	91	272162	19.346	ug/l	97
83) tert-Butylbenzene	11.713	119	294516	19.686	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	292682	19.433	ug/l	100
85) sec-Butylbenzene	11.890	105	349488	19.331	ug/l	99
86) p-Isopropyltoluene	12.012	119	301990	19.447	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	163260	19.483	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	162619	19.179	ug/l	99
89) n-Butylbenzene	12.335	91	249927	19.286	ug/l	97
90) Hexachloroethane	12.542	117	43011	17.368	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	165052	20.172	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22666	17.387	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	105024	20.026	ug/l	99
94) Hexachlorobutadiene	13.725	225	47132	20.345	ug/l	94
95) Naphthalene	13.780	128	348147	20.392	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	106998	20.169	ug/l	96

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

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