

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032222\
 Data File : VX027634.D
 Acq On : 23 Mar 2022 00:09
 Operator : JC/MD
 Sample : VX0322WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0322WBS02

Quant Time: Mar 23 03:58:27 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

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	295815	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	466500	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	418228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	204791	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	172450	47.322	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.640%		
35) Dibromofluoromethane	5.391	113	150763	50.231	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.460%		
50) Toluene-d8	8.653	98	545891	48.064	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	96.120%		
62) 4-Bromofluorobenzene	11.085	95	196525	47.077	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	94.160%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	50931	17.937	ug/l	99
3) Chloromethane	1.294	50	44730	17.746	ug/l	99
4) Vinyl Chloride	1.374	62	53327	18.311	ug/l	96
5) Bromomethane	1.599	94	34587	19.922	ug/l	100
6) Chloroethane	1.685	64	33498	18.744	ug/l	97
7) Trichlorofluoromethane	1.886	101	81966	17.049	ug/l	96
8) Diethyl Ether	2.136	74	32213	17.988	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	49586	17.320	ug/l	92
10) Methyl Iodide	2.453	142	52439	13.837	ug/l	99
11) Tert butyl alcohol	2.965	59	59393	85.519	ug/l	99
12) 1,1-Dichloroethene	2.319	96	48682	17.723	ug/l	90
13) Acrolein	2.239	56	38392	71.236	ug/l	97
14) Allyl chloride	2.666	41	71710	16.683	ug/l	95
15) Acrylonitrile	3.068	53	144271	91.373	ug/l	100
16) Acetone	2.380	43	125763	84.667	ug/l	97
17) Carbon Disulfide	2.508	76	110972	15.877	ug/l	99
18) Methyl Acetate	2.703	43	65206	18.317	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	159419	17.202	ug/l	100
20) Methylene Chloride	2.788	84	58223	18.231	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	52951	18.072	ug/l	94
22) Diisopropyl ether	3.763	45	141743	16.886	ug/l #	89
23) Vinyl Acetate	3.721	43	605399	82.932	ug/l	96
24) 1,1-Dichloroethane	3.611	63	94239	18.459	ug/l	100
25) 2-Butanone	4.562	43	192309	86.053	ug/l	100
26) 2,2-Dichloropropane	4.477	77	47860	11.480	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	61422	18.076	ug/l	89
28) Bromochloromethane	4.897	49	34165	16.589	ug/l	86
29) Tetrahydrofuran	5.013	42	129586	90.390	ug/l	97
30) Chloroform	5.099	83	100329	17.815	ug/l	99
31) Cyclohexane	5.470	56	80672	17.828	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	88711	17.301	ug/l	99
36) 1,1-Dichloropropene	5.696	75	72861	17.764	ug/l	98
37) Ethyl Acetate	4.721	43	75025	18.357	ug/l	99
38) Carbon Tetrachloride	5.684	117	78657	16.763	ug/l	96
39) Methylcyclohexane	7.385	83	86990	16.866	ug/l	97
40) Benzene	6.043	78	220006	18.697	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	38494	17.270	ug/l	99
42) 1,2-Dichloroethane	6.092	62	81756	18.539	ug/l	99
43) Isopropyl Acetate	6.348	43	115633	17.580	ug/l	97
44) Trichloroethene	7.129	130	64046	17.930	ug/l	98
45) 1,2-Dichloropropane	7.433	63	54861	18.304	ug/l	99
46) Dibromomethane	7.586	93	42066	18.373	ug/l	100
47) Bromodichloromethane	7.824	83	76199	17.675	ug/l	98
48) Methyl methacrylate	7.696	41	59379	18.241	ug/l	91
49) 1,4-Dioxane	7.665	88	31007	370.860	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	403421	96.079	ug/l	95
52) Toluene	8.720	92	145033	18.393	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	69741	15.762	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	79920	16.596	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	60561	18.863	ug/l	100
56) Ethyl methacrylate	9.122	69	83434	17.369	ug/l	90
57) 1,3-Dichloropropane	9.311	76	97147	18.638	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	226878	92.524	ug/l	99
59) 2-Hexanone	9.433	43	308292	95.331	ug/l	92
60) Dibromochloromethane	9.525	129	59862	16.937	ug/l	96
61) 1,2-Dibromoethane	9.610	107	63615	18.028	ug/l	99
64) Tetrachloroethene	9.275	164	63219	19.441	ug/l	97
65) Chlorobenzene	10.079	112	158747	18.452	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	56744	17.678	ug/l	99
67) Ethyl Benzene	10.195	91	267314	18.153	ug/l	97
68) m/p-Xylenes	10.305	106	213340	36.794	ug/l	99
69) o-Xylene	10.646	106	104071	18.486	ug/l	100
70) Styrene	10.659	104	170242	18.511	ug/l	99
71) Bromoform	10.805	173	42152	16.437	ug/l #	99
73) Isopropylbenzene	10.963	105	267529	17.935	ug/l	100
74) N-amyl acetate	10.848	43	91112	17.226	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	88313	18.691	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	79158m	18.480	ug/l	
77) Bromobenzene	11.201	156	68606	18.247	ug/l	94
78) n-propylbenzene	11.305	91	293600	17.930	ug/l	97
79) 2-Chlorotoluene	11.366	91	184430	17.955	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	231744	18.459	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18387	13.036	ug/l #	79
82) 4-Chlorotoluene	11.457	91	208131	17.796	ug/l	99
83) tert-Butylbenzene	11.719	119	223441	17.966	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	230581	18.416	ug/l	99
85) sec-Butylbenzene	11.890	105	270443	17.994	ug/l	99
86) p-Isopropyltoluene	12.012	119	231738	17.952	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	125498	18.015	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	126152	17.897	ug/l	98
89) n-Butylbenzene	12.335	91	180288	16.735	ug/l	98
90) Hexachloroethane	12.542	117	31617	15.358	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	125897	18.509	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18872	17.414	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	74608	17.113	ug/l	98
94) Hexachlorobutadiene	13.725	225	32206	16.723	ug/l	93
95) Naphthalene	13.780	128	258124	18.187	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	77241	17.514	ug/l	96

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

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