

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062322\
 Data File : VX029734.D
 Acq On : 23 Jun 2022 11:21
 Operator : JC/MD
 Sample : VX0623WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0623WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/24/2022
 Supervised By : Semsettin Yesilyurt 06/28/2022

Quant Time: Jun 24 05:37:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	222984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	399719	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	351530	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166110	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	137056	46.433	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	92.860%		
35) Dibromofluoromethane	5.385	113	123980	47.595	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.180%		
50) Toluene-d8	8.647	98	460242	48.364	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.720%		
62) 4-Bromofluorobenzene	11.079	95	173738	48.413	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56598	20.959	ug/l	98
3) Chloromethane	1.288	50	53259	18.308	ug/l	98
4) Vinyl Chloride	1.374	62	53622	20.020	ug/l	99
5) Bromomethane	1.611	94	25934	18.978	ug/l	94
6) Chloroethane	1.685	64	31347	17.039	ug/l	99
7) Trichlorofluoromethane	1.886	101	74892	20.070	ug/l	94
8) Diethyl Ether	2.136	74	29861	20.312	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	47292	20.212	ug/l	98
10) Methyl Iodide	2.453	142	37808	16.336	ug/l	98
11) Tert butyl alcohol	2.989	59	71586	105.959	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	48639	21.531	ug/l	88
13) Acrolein	2.239	56	7697	47.338	ug/l	94
14) Allyl chloride	2.666	41	65270	17.895	ug/l	92
15) Acrylonitrile	3.068	53	147145	106.579	ug/l	99
16) Acetone	2.386	43	116372	98.912	ug/l	99
17) Carbon Disulfide	2.514	76	110111	18.801	ug/l	99
18) Methyl Acetate	2.703	43	71875	23.106	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	168256	21.454	ug/l	98
20) Methylene Chloride	2.788	84	55692	21.253	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	52170	21.129	ug/l	95
22) Diisopropyl ether	3.763	45	152152	21.087	ug/l	97
23) Vinyl Acetate	3.721	43	586600	97.383	ug/l	99
24) 1,1-Dichloroethane	3.611	63	91649	21.121	ug/l	97
25) 2-Butanone	4.562	43	191994	103.240	ug/l	98
26) 2,2-Dichloropropane	4.477	77	20977	6.211	ug/l	80
27) cis-1,2-Dichloroethene	4.489	96	61920	21.466	ug/l	87
28) Bromochloromethane	4.897	49	31887	19.234	ug/l	97
29) Tetrahydrofuran	5.007	42	125585	101.330	ug/l	96
30) Chloroform	5.092	83	96174	20.944	ug/l	96
31) Cyclohexane	5.470	56	80349	20.276	ug/l	94
32) 1,1,1-Trichloroethane	5.385	97	80915	19.977	ug/l	98
36) 1,1-Dichloropropene	5.696	75	69116	19.604	ug/l	99
37) Ethyl Acetate	4.714	43	71511	19.788	ug/l	99
38) Carbon Tetrachloride	5.678	117	67344	19.424	ug/l	99
39) Methylcyclohexane	7.379	83	82753	18.826	ug/l	98
40) Benzene	6.037	78	213117	20.393	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	39776	20.891	ug/l	97
42) 1,2-Dichloroethane	6.092	62	69793	19.427	ug/l	97
43) Isopropyl Acetate	6.342	43	110205	19.611	ug/l	100
44) Trichloroethene	7.123	130	59417	19.372	ug/l	99
45) 1,2-Dichloropropane	7.427	63	52608	20.525	ug/l	95
46) Dibromomethane	7.580	93	38853	21.091	ug/l	94
47) Bromodichloromethane	7.824	83	70428	19.840	ug/l	98
48) Methyl methacrylate	7.696	41	53758	19.511	ug/l	95
49) 1,4-Dioxane	7.690	88	28375	399.433	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	363996	100.495	ug/l	99
52) Toluene	8.720	92	138155	20.645	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	58859	16.408	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	68740	17.113	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	56861	21.015	ug/l	99
56) Ethyl methacrylate	9.116	69	84494	20.671	ug/l	99
57) 1,3-Dichloropropane	9.311	76	93203	20.682	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	171761	89.431	ug/l	95
59) 2-Hexanone	9.433	43	274881	100.220	ug/l	99
60) Dibromochloromethane	9.525	129	53205	20.253	ug/l	95
61) 1,2-Dibromoethane	9.610	107	59011	21.036	ug/l	99
64) Tetrachloroethene	9.275	164	53622	21.093	ug/l	97
65) Chlorobenzene	10.079	112	144628	20.972	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	51935	20.970	ug/l	98
67) Ethyl Benzene	10.195	91	258342	20.820	ug/l	97
68) m/p-Xylenes	10.305	106	201149	41.569	ug/l	98
69) o-Xylene	10.640	106	100687	21.061	ug/l	99
70) Styrene	10.658	104	166021	21.209	ug/l	98
71) Bromoform	10.799	173	35580	20.262	ug/l	99
73) Isopropylbenzene	10.963	105	262502	21.077	ug/l	98
74) N-amyl acetate	10.841	43	82413	19.052	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	85674	21.277	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	73798m	20.394	ug/l	
77) Bromobenzene	11.201	156	60778	21.382	ug/l	97
78) n-propylbenzene	11.305	91	288942	20.598	ug/l	100
79) 2-Chlorotoluene	11.366	91	179858	20.707	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	223146	21.274	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	13922	12.799	ug/l #	86
82) 4-Chlorotoluene	11.457	91	203670	20.562	ug/l	100
83) tert-Butylbenzene	11.713	119	214691	20.993	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	217271	20.769	ug/l	98
85) sec-Butylbenzene	11.890	105	260332	20.539	ug/l	99
86) p-Isopropyltoluene	12.012	119	216222	20.374	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	112753	20.823	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	112332	20.778	ug/l	97
89) n-Butylbenzene	12.335	91	172231	19.229	ug/l	99
90) Hexachloroethane	12.542	117	30298	19.938	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	113444	21.314	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17940	20.107	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	68222	21.019	ug/l	98
94) Hexachlorobutadiene	13.725	225	25169	18.940	ug/l	96
95) Naphthalene	13.774	128	268493	23.043	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	71119	21.878	ug/l	95

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

