

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029763.D
 Acq On : 24 Jun 2022 10:22
 Operator : JC/MD
 Sample : VX0624WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0624WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/25/2022
 Supervised By : Semsettin Yesilyurt 06/28/2022

Quant Time: Jun 25 01:55:19 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	5.550	168	228365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	388100	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	349084	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169505	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	138601	45.850	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.700%		
35) Dibromofluoromethane	5.391	113	122676	48.504	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.000%		
50) Toluene-d8	8.653	98	457505	49.516	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.040%		
62) 4-Bromofluorobenzene	11.079	95	174885	50.191	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56092	20.282	ug/l	98
3) Chloromethane	1.288	50	50860	17.071	ug/l	99
4) Vinyl Chloride	1.374	62	53634	19.553	ug/l	99
5) Bromomethane	1.611	94	26455	18.904	ug/l	98
6) Chloroethane	1.685	64	32114	17.044	ug/l	99
7) Trichlorofluoromethane	1.886	101	78048	20.423	ug/l	97
8) Diethyl Ether	2.136	74	30958	20.562	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	48034	20.045	ug/l	98
10) Methyl Iodide	2.453	142	40375	16.906	ug/l	97
11) Tert butyl alcohol	2.983	59	65714	93.979	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	46518	20.107	ug/l	94
13) Acrolein	2.239	56	10512	63.127	ug/l	98
14) Allyl chloride	2.666	41	68990	18.469	ug/l	95
15) Acrylonitrile	3.068	53	141110	99.799	ug/l	99
16) Acetone	2.386	43	111749	92.745	ug/l	99
17) Carbon Disulfide	2.514	76	111255	18.549	ug/l	100
18) Methyl Acetate	2.709	43	62760	19.700	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	160160	19.940	ug/l	97
20) Methylene Chloride	2.788	84	52779	19.667	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	50222	19.861	ug/l	97
22) Diisopropyl ether	3.763	45	148755	20.131	ug/l	93
23) Vinyl Acetate	3.721	43	612093	99.221	ug/l	98
24) 1,1-Dichloroethane	3.611	63	87181	19.618	ug/l	99
25) 2-Butanone	4.562	43	182754	95.956	ug/l	99
26) 2,2-Dichloropropane	4.477	77	42863	12.392	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	60623	20.521	ug/l	89
28) Bromochloromethane	4.903	49	32731	19.278	ug/l	99
29) Tetrahydrofuran	5.007	42	122090	96.188	ug/l	95
30) Chloroform	5.099	83	94419	20.077	ug/l	96
31) Cyclohexane	5.470	56	79383	19.560	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	82250	19.828	ug/l	99
36) 1,1-Dichloropropene	5.696	75	69736	20.372	ug/l	100
37) Ethyl Acetate	4.715	43	70170	19.998	ug/l	99
38) Carbon Tetrachloride	5.684	117	68900	20.468	ug/l	96
39) Methylcyclohexane	7.385	83	84401	19.776	ug/l	98
40) Benzene	6.044	78	210256	20.721	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	37613	20.347	ug/l	97
42) 1,2-Dichloroethane	6.092	62	70542	20.224	ug/l	98
43) Isopropyl Acetate	6.342	43	106932	19.598	ug/l	99
44) Trichloroethene	7.129	130	57890	19.443	ug/l	97
45) 1,2-Dichloropropane	7.434	63	52390	21.052	ug/l	98
46) Dibromomethane	7.586	93	36789	20.568	ug/l	95
47) Bromodichloromethane	7.824	83	70880	20.565	ug/l	98
48) Methyl methacrylate	7.696	41	52896	19.773	ug/l	94
49) 1,4-Dioxane	7.683	88	26292	381.191	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	354416	100.779	ug/l	98
52) Toluene	8.720	92	134118	20.641	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	65334	18.758	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	74891	19.202	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	54532	20.757	ug/l	98
56) Ethyl methacrylate	9.116	69	82348	20.749	ug/l	96
57) 1,3-Dichloropropane	9.311	76	90140	20.601	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	176724	94.770	ug/l	97
59) 2-Hexanone	9.433	43	271008	101.766	ug/l	96
60) Dibromochloromethane	9.525	129	52643	20.639	ug/l	97
61) 1,2-Dibromoethane	9.610	107	56458	20.728	ug/l	100
64) Tetrachloroethene	9.275	164	52833	20.928	ug/l	93
65) Chlorobenzene	10.079	112	142908	20.868	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	50608	20.577	ug/l	99
67) Ethyl Benzene	10.195	91	257967	20.936	ug/l	99
68) m/p-Xylenes	10.305	106	200041	41.629	ug/l	99
69) o-Xylene	10.640	106	99018	20.857	ug/l	99
70) Styrene	10.659	104	164880	21.211	ug/l	99
71) Bromoform	10.799	173	35330	20.260	ug/l #	99
73) Isopropylbenzene	10.963	105	258607	20.348	ug/l	98
74) N-amyl acetate	10.848	43	85585	19.389	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	81759	19.898	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	72889m	19.739	ug/l	
77) Bromobenzene	11.201	156	58738	20.250	ug/l	95
78) n-propylbenzene	11.305	91	291773	20.384	ug/l	100
79) 2-Chlorotoluene	11.366	91	181126	20.436	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	219516	20.509	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	17714	15.959	ug/l	88
82) 4-Chlorotoluene	11.457	91	203726	20.156	ug/l	99
83) tert-Butylbenzene	11.719	119	213740	20.481	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	219083	20.523	ug/l	98
85) sec-Butylbenzene	11.890	105	263948	20.408	ug/l	100
86) p-Isopropyltoluene	12.012	119	224767	20.755	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	112789	20.413	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	114911	20.829	ug/l	96
89) n-Butylbenzene	12.335	91	182685	19.987	ug/l	99
90) Hexachloroethane	12.542	117	30562	19.709	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	112952	20.796	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	18027	19.800	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	69146	20.877	ug/l	97
94) Hexachlorobutadiene	13.725	225	25975	19.155	ug/l	95
95) Naphthalene	13.774	128	255362	21.477	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	69176	20.854	ug/l	96

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

