

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062222\
 Data File : VX029689.D
 Acq On : 22 Jun 2022 11:21
 Operator : JC/MD
 Sample : VX0622WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/23/2022
 Supervised By : Mahesh Dadoda 06/23/2022

Quant Time: Jun 23 01:08:20 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	222867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	392281	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	352562	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	170206	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	132268	44.834	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.660%		
35) Dibromofluoromethane	5.385	113	119453	46.726	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.460%		
50) Toluene-d8	8.647	98	446184	47.776	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.560%		
62) 4-Bromofluorobenzene	11.079	95	165835	47.087	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	54602	20.231	ug/l	99
3) Chloromethane	1.288	50	48832	16.795	ug/l	100
4) Vinyl Chloride	1.374	62	50167	18.740	ug/l	95
5) Bromomethane	1.611	94	25328	18.545	ug/l	98
6) Chloroethane	1.685	64	29393	15.981	ug/l	96
7) Trichlorofluoromethane	1.886	101	71446	19.157	ug/l	97
8) Diethyl Ether	2.130	74	28812	19.609	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	46894	20.052	ug/l	100
10) Methyl Iodide	2.453	142	34804	15.285	ug/l	99
11) Tert butyl alcohol	2.989	59	73005	108.311	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	45563	20.180	ug/l	95
13) Acrolein	2.239	56	13131	80.800	ug/l	98
14) Allyl chloride	2.666	41	67918	18.631	ug/l	94
15) Acrylonitrile	3.068	53	143444	103.953	ug/l	100
16) Acetone	2.386	43	112081	95.315	ug/l	99
17) Carbon Disulfide	2.514	76	114002	19.476	ug/l	98
18) Methyl Acetate	2.709	43	65161	20.959	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	161711	20.630	ug/l	95
20) Methylene Chloride	2.788	84	52863	20.184	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	50265	20.368	ug/l	96
22) Diisopropyl ether	3.763	45	144930	20.097	ug/l	96
23) Vinyl Acetate	3.721	43	609102	101.172	ug/l	99
24) 1,1-Dichloroethane	3.611	63	87098	20.083	ug/l	98
25) 2-Butanone	4.562	43	182063	97.952	ug/l	98
26) 2,2-Dichloropropane	4.477	77	38378	11.369	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	59727	20.716	ug/l	88
28) Bromochloromethane	4.903	49	31413	18.958	ug/l	99
29) Tetrahydrofuran	5.007	42	122403	98.814	ug/l	97
30) Chloroform	5.099	83	91258	19.883	ug/l	96
31) Cyclohexane	5.470	56	78731	19.878	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	79351	19.601	ug/l	98
36) 1,1-Dichloropropene	5.690	75	68119	19.688	ug/l	98
37) Ethyl Acetate	4.714	43	68786	19.395	ug/l	98
38) Carbon Tetrachloride	5.678	117	67959	19.973	ug/l	98
39) Methylcyclohexane	7.385	83	84274	19.536	ug/l	97
40) Benzene	6.037	78	205430	20.030	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	37453	20.044	ug/l	99
42) 1,2-Dichloroethane	6.092	62	67650	19.188	ug/l	97
43) Isopropyl Acetate	6.342	43	108547	19.682	ug/l	100
44) Trichloroethene	7.129	130	58258	19.353	ug/l	98
45) 1,2-Dichloropropane	7.433	63	51351	20.415	ug/l	98
46) Dibromomethane	7.580	93	36965	20.446	ug/l	95
47) Bromodichloromethane	7.824	83	69639	19.989	ug/l	99
48) Methyl methacrylate	7.696	41	52930	19.575	ug/l	96
49) 1,4-Dioxane	7.690	88	25573	366.815	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	354465	99.719	ug/l	99
52) Toluene	8.720	92	134476	20.476	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	65135	18.502	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	74766	18.966	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	54831	20.649	ug/l	97
56) Ethyl methacrylate	9.116	69	83361	20.780	ug/l	97
57) 1,3-Dichloropropane	9.311	76	89537	20.245	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	169866	90.121	ug/l	96
59) 2-Hexanone	9.433	43	267324	99.313	ug/l	98
60) Dibromochloromethane	9.518	129	53892	20.904	ug/l	95
61) 1,2-Dibromoethane	9.610	107	58565	21.273	ug/l	99
64) Tetrachloroethene	9.275	164	51558	20.221	ug/l	98
65) Chlorobenzene	10.079	112	142073	20.541	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	51791	20.850	ug/l	99
67) Ethyl Benzene	10.195	91	252848	20.318	ug/l	95
68) m/p-Xylenes	10.305	106	197017	40.596	ug/l	99
69) o-Xylene	10.640	106	98137	20.467	ug/l	99
70) Styrene	10.659	104	164185	20.913	ug/l	99
71) Bromoform	10.799	173	37259	21.156	ug/l #	99
73) Isopropylbenzene	10.963	105	254253	19.923	ug/l	99
74) N-amyl acetate	10.841	43	84550	19.076	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	83458	20.228	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	75215m	20.285	ug/l	
77) Bromobenzene	11.201	156	58470	20.075	ug/l	96
78) n-propylbenzene	11.305	91	287386	19.994	ug/l	100
79) 2-Chlorotoluene	11.366	91	176456	19.827	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	214620	19.969	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18106	16.245	ug/l	91
82) 4-Chlorotoluene	11.457	91	196923	19.403	ug/l	99
83) tert-Butylbenzene	11.719	119	210914	20.127	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	214491	20.010	ug/l	99
85) sec-Butylbenzene	11.890	105	263027	20.253	ug/l	99
86) p-Isopropyltoluene	12.012	119	216385	19.899	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	113395	20.438	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	114151	20.606	ug/l	98
89) n-Butylbenzene	12.335	91	176903	19.275	ug/l	99
90) Hexachloroethane	12.542	117	30551	19.620	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	112740	20.672	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17612	19.264	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	70147	21.092	ug/l	98
94) Hexachlorobutadiene	13.725	225	27197	19.973	ug/l	91
95) Naphthalene	13.780	128	261388	21.894	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	71367	21.426	ug/l	96

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

