

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062022\
 Data File : VX029637.D
 Acq On : 21 Jun 2022 03:49
 Operator : JC/MD
 Sample : VX0620WBSD02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/21/2022
 Supervised By : Mahesh Dadoda 06/23/2022

Quant Time: Jun 21 04:14:59 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	218589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	387344	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	346638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	166338	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	142618	49.289	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 98.580%			
35) Dibromofluoromethane	5.385	113	129012	51.109	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.220%			
50) Toluene-d8	8.653	98	478066	51.842	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.680%			
62) 4-Bromofluorobenzene	11.085	95	182401	52.450	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	55162	20.838	ug/l	97
3) Chloromethane	1.288	50	53210	18.658	ug/l	99
4) Vinyl Chloride	1.374	62	52635	20.047	ug/l	99
5) Bromomethane	1.611	94	25893	19.329	ug/l	96
6) Chloroethane	1.685	64	32353	17.953	ug/l	93
7) Trichlorofluoromethane	1.886	101	74969	20.495	ug/l	97
8) Diethyl Ether	2.136	74	29161	20.235	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	46817	20.411	ug/l	98
10) Methyl Iodide	2.453	142	41917	18.081	ug/l	99
11) Tert butyl alcohol	2.977	59	81366	124.388	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	46291	20.904	ug/l	96
13) Acrolein	2.239	56	16747	105.067	ug/l	98
14) Allyl chloride	2.666	41	71739	20.064	ug/l	94
15) Acrylonitrile	3.068	53	144855	107.030	ug/l	99
16) Acetone	2.386	43	117518	101.895	ug/l	97
17) Carbon Disulfide	2.514	76	114783	19.993	ug/l	100
18) Methyl Acetate	2.703	43	64175	21.046	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	160190	20.836	ug/l	99
20) Methylene Chloride	2.788	84	52781	20.547	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	49993	20.654	ug/l	96
22) Diisopropyl ether	3.763	45	150774	21.316	ug/l	91
23) Vinyl Acetate	3.721	43	627008	106.184	ug/l	99
24) 1,1-Dichloroethane	3.611	63	88688	20.849	ug/l	98
25) 2-Butanone	4.562	43	190045	104.247	ug/l	99
26) 2,2-Dichloropropane	4.483	77	47128	14.235	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	59196	20.934	ug/l	92
28) Bromochloromethane	4.903	49	37126	22.844	ug/l	98
29) Tetrahydrofuran	5.007	42	127664	105.078	ug/l	96
30) Chloroform	5.099	83	93529	20.777	ug/l	99
31) Cyclohexane	5.477	56	79903	20.569	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	80736	20.334	ug/l	98
36) 1,1-Dichloropropene	5.696	75	68263	19.981	ug/l	99
37) Ethyl Acetate	4.715	43	72708	20.762	ug/l	99
38) Carbon Tetrachloride	5.678	117	69094	20.566	ug/l	96
39) Methylcyclohexane	7.385	83	83689	19.648	ug/l	93
40) Benzene	6.044	78	209119	20.649	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	38688	20.969	ug/l	97
42) 1,2-Dichloroethane	6.092	62	69153	19.864	ug/l	99
43) Isopropyl Acetate	6.342	43	110505	20.293	ug/l	100
44) Trichloroethene	7.129	130	57546	19.361	ug/l	98
45) 1,2-Dichloropropane	7.434	63	50096	20.170	ug/l	98
46) Dibromomethane	7.586	93	36303	20.336	ug/l	95
47) Bromodichloromethane	7.824	83	69496	20.203	ug/l	99
48) Methyl methacrylate	7.696	41	54552	20.432	ug/l	93
49) 1,4-Dioxane	7.677	88	28057	407.574	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	361770	103.071	ug/l	98
52) Toluene	8.720	92	136070	20.983	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	66728	19.196	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	76127	19.557	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	54334	20.722	ug/l	98
56) Ethyl methacrylate	9.116	69	80597	20.347	ug/l	93
57) 1,3-Dichloropropane	9.311	76	89494	20.494	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	188095	101.065	ug/l	96
59) 2-Hexanone	9.433	43	284328	106.977	ug/l	95
60) Dibromochloromethane	9.525	129	51928	20.399	ug/l	97
61) 1,2-Dibromoethane	9.610	107	57174	21.032	ug/l	98
64) Tetrachloroethene	9.275	164	51411	20.508	ug/l	97
65) Chlorobenzene	10.079	112	142462	20.949	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	51134	20.938	ug/l	99
67) Ethyl Benzene	10.195	91	252565	20.642	ug/l	98
68) m/p-Xylenes	10.305	106	198201	41.537	ug/l	99
69) o-Xylene	10.640	106	97460	20.673	ug/l	98
70) Styrene	10.659	104	164150	21.266	ug/l	99
71) Bromoform	10.799	173	35307	20.390	ug/l #	100
73) Isopropylbenzene	10.963	105	253610	20.335	ug/l	99
74) N-amyl acetate	10.848	43	87628	20.230	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	83695	20.757	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	73595m	20.310	ug/l	
77) Bromobenzene	11.201	156	58277	20.474	ug/l	95
78) n-propylbenzene	11.305	91	285707	20.340	ug/l	100
79) 2-Chlorotoluene	11.366	91	176376	20.279	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	212775	20.258	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	18785	17.246	ug/l	88
82) 4-Chlorotoluene	11.457	91	198841	20.047	ug/l	99
83) tert-Butylbenzene	11.713	119	208540	20.363	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	212493	20.285	ug/l	99
85) sec-Butylbenzene	11.890	105	260423	20.518	ug/l	100
86) p-Isopropyltoluene	12.012	119	214866	20.218	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	110527	20.384	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	111988	20.686	ug/l	96
89) n-Butylbenzene	12.335	91	174152	19.417	ug/l	99
90) Hexachloroethane	12.542	117	30412	19.985	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	109754	20.592	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17474	19.558	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	66385	20.425	ug/l	97
94) Hexachlorobutadiene	13.725	225	25908	19.469	ug/l	95
95) Naphthalene	13.780	128	246077	21.090	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	67184	20.639	ug/l	93

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

