

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100422\
 Data File : VX031866.D
 Acq On : 04 Oct 2022 12:40
 Operator : JC/MD
 Sample : VX1004WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/05/2022
 Supervised By : Mahesh Dadoda 10/05/2022

Quant Time: Oct 05 06:20:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100322W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 06:59:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	105415	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	148883	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	127775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83852	44.400	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.800%		
35) Dibromofluoromethane	5.385	113	83612	47.268	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.540%		
50) Toluene-d8	8.646	98	300654	47.512	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.020%		
62) 4-Bromofluorobenzene	11.079	95	111552	48.954	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.900%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	25850	18.969	ug/l	100
3) Chloromethane	1.288	50	22868	16.007	ug/l	97
4) Vinyl Chloride	1.373	62	29032	15.953	ug/l	96
5) Bromomethane	1.611	94	22553	15.780	ug/l	100
6) Chloroethane	1.690	64	25499	15.397	ug/l	98
7) Trichlorofluoromethane	1.885	101	58596	15.778	ug/l	96
8) Diethyl Ether	2.129	74	19951	18.046	ug/l	72
9) 1,1,2-Trichlorotrifluo...	2.331	101	27522	17.155	ug/l #	85
10) Methyl Iodide	2.452	142	23422	15.552	ug/l	98
11) Tert butyl alcohol	3.007	59	26484m	100.726	ug/l	
12) 1,1-Dichloroethene	2.318	96	25142	17.067	ug/l	82
13) Acrolein	2.239	56	11821	75.937	ug/l	98
14) Allyl chloride	2.666	41	28603	15.211	ug/l #	90
15) Acrylonitrile	3.068	53	59844	87.134	ug/l	97
16) Acetone	2.391	43	46153	94.584	ug/l	90
17) Carbon Disulfide	2.507	76	58833	15.420	ug/l	97
18) Methyl Acetate	2.708	43	30802	17.436	ug/l #	82
19) Methyl tert-butyl Ether	3.117	73	84106	17.537	ug/l	92
20) Methylene Chloride	2.788	84	29292	17.729	ug/l #	78
21) trans-1,2-Dichloroethene	3.086	96	29749	17.226	ug/l	83
22) Diisopropyl ether	3.757	45	68648	17.217	ug/l #	86
23) Vinyl Acetate	3.721	43	263570	88.370	ug/l #	88
24) 1,1-Dichloroethane	3.605	63	44567	16.632	ug/l	96
25) 2-Butanone	4.562	43	75004	86.551	ug/l	92
26) 2,2-Dichloropropane	4.470	77	34753	15.192	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	34405	17.134	ug/l	80
28) Bromochloromethane	4.891	49	19957	18.428	ug/l #	40
29) Tetrahydrofuran	5.013	42	48130	89.952	ug/l #	77
30) Chloroform	5.086	83	54774	17.087	ug/l	95
31) Cyclohexane	5.470	56	37761	16.788	ug/l #	78
32) 1,1,1-Trichloroethane	5.385	97	50243	16.516	ug/l	94
36) 1,1-Dichloropropene	5.696	75	38063	17.354	ug/l	94
37) Ethyl Acetate	4.714	43	29795	17.946	ug/l #	92
38) Carbon Tetrachloride	5.684	117	45390	16.670	ug/l	98
39) Methylcyclohexane	7.378	83	49330	18.333	ug/l	89
40) Benzene	6.037	78	115443	18.220	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	15438	17.112	ug/l #	84
42) 1,2-Dichloroethane	6.086	62	39622	17.850	ug/l	94
43) Isopropyl Acetate	6.336	43	46937	17.485	ug/l #	89
44) Trichloroethene	7.122	130	37769	18.451	ug/l	89
45) 1,2-Dichloropropane	7.433	63	26445	17.815	ug/l	97
46) Dibromomethane	7.580	93	22891	18.501	ug/l #	84
47) Bromodichloromethane	7.817	83	41747	16.859	ug/l	99
48) Methyl methacrylate	7.689	41	22052	18.357	ug/l #	81
49) 1,4-Dioxane	7.708	88	15338	393.932	ug/l #	83
51) 4-Methyl-2-Pentanone	8.573	43	154950	91.954	ug/l	89
52) Toluene	8.720	92	81949	18.448	ug/l	96
53) t-1,3-Dichloropropene	8.976	75	38280	16.212	ug/l	95
54) cis-1,3-Dichloropropene	8.366	75	43767	16.915	ug/l #	85
55) 1,1,2-Trichloroethane	9.152	97	33485	18.912	ug/l	95
56) Ethyl methacrylate	9.116	69	40970	20.013	ug/l #	82
57) 1,3-Dichloropropane	9.305	76	50967	18.536	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	101709	96.412	ug/l #	81
59) 2-Hexanone	9.433	43	115947	94.649	ug/l	88
60) Dibromochloromethane	9.518	129	36831	17.135	ug/l	100
61) 1,2-Dibromoethane	9.610	107	36978	18.808	ug/l	100
64) Tetrachloroethene	9.274	164	38858	18.516	ug/l	94
65) Chlorobenzene	10.079	112	93187	18.308	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.164	131	35306	18.021	ug/l	98
67) Ethyl Benzene	10.195	91	152955	18.256	ug/l	97
68) m/p-Xylenes	10.305	106	129886	37.550	ug/l	91
69) o-Xylene	10.640	106	63083	18.930	ug/l	91
70) Styrene	10.658	104	102264	18.880	ug/l	96
71) Bromoform	10.799	173	27327	16.587	ug/l #	98
73) Isopropylbenzene	10.963	105	165018	18.284	ug/l	99
74) N-amyl acetate	10.841	43	39302	18.593	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	11.213	83	46910	18.260	ug/l	98
76) 1,2,3-Trichloropropane	11.237	75	39421m	16.957	ug/l	
77) Bromobenzene	11.201	156	44717	18.785	ug/l	82
78) n-propylbenzene	11.305	91	179903	18.237	ug/l	95
79) 2-Chlorotoluene	11.365	91	106962	17.945	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	141990	18.840	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	9801	14.473	ug/l	92
82) 4-Chlorotoluene	11.457	91	124970	18.164	ug/l	91
83) tert-Butylbenzene	11.713	119	139330	18.290	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	140547	18.737	ug/l	95
85) sec-Butylbenzene	11.890	105	170441	18.586	ug/l	97
86) p-Isopropyltoluene	12.012	119	152048	18.998	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	83404	18.569	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	86974	18.540	ug/l	97
89) n-Butylbenzene	12.335	91	114841	18.167	ug/l	97
90) Hexachloroethane	12.536	117	21500	14.892	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	84006	18.675	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.944	75	8887	16.450	ug/l	60
93) 1,2,4-Trichlorobenzene	13.591	180	53040	19.266	ug/l	98
94) Hexachlorobutadiene	13.725	225	21305	18.807	ug/l	97
95) Naphthalene	13.774	128	174706	20.372	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	54140	20.280	ug/l	96

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

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