

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX100522\
 Data File : VX031897.D
 Acq On : 05 Oct 2022 16:06
 Operator : JC/MD
 Sample : VX1005WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1005WBSD01

Quant Time: Oct 06 06:46:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X100522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 05 12:20:53 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/06/2022
 Supervised By : Mahesh Dadoda 10/06/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	123138	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	169543	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187754	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	139975	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	89477	48.244	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.480%		
35) Dibromofluoromethane	5.385	113	94166	50.764	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.520%		
50) Toluene-d8	8.653	98	337070	51.299	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.600%		
62) 4-Bromofluorobenzene	11.079	95	120764	51.095	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.200%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	29103	20.410	ug/l	94
3) Chloromethane	1.289	50	23275	18.465	ug/l	100
4) Vinyl Chloride	1.368	62	30424	18.732	ug/l	100
5) Bromomethane	1.612	94	27783	18.290	ug/l	98
6) Chloroethane	1.685	64	24366	17.488	ug/l	99
7) Trichlorofluoromethane	1.886	101	62199	18.422	ug/l	97
8) Diethyl Ether	2.136	74	20283	17.940	ug/l	76
9) 1,1,2-Trichlorotrifluo...	2.325	101	31574	19.326	ug/l #	80
10) Methyl Iodide	2.453	142	31608	18.879	ug/l	96
11) Tert butyl alcohol	2.989	59	27402	108.461	ug/l	98
12) 1,1-Dichloroethene	2.319	96	28814	18.623	ug/l #	76
13) Acrolein	2.240	56	15974	101.930	ug/l	99
14) Allyl chloride	2.666	41	30880	19.224	ug/l #	92
15) Acrylonitrile	3.069	53	66854	97.413	ug/l	100
16) Acetone	2.386	43	52581	97.874	ug/l	91
17) Carbon Disulfide	2.514	76	56159	18.409	ug/l	100
18) Methyl Acetate	2.703	43	35897	20.629	ug/l #	82
19) Methyl tert-butyl Ether	3.111	73	94403	19.953	ug/l	93
20) Methylene Chloride	2.788	84	31936	18.049	ug/l #	78
21) trans-1,2-Dichloroethene	3.093	96	32360	18.673	ug/l	84
22) Diisopropyl ether	3.758	45	73547	19.515	ug/l #	78
23) Vinyl Acetate	3.721	43	281791	101.044	ug/l #	85
24) 1,1-Dichloroethane	3.611	63	48717	18.913	ug/l	97
25) 2-Butanone	4.562	43	84735	99.029	ug/l #	82
26) 2,2-Dichloropropane	4.477	77	36704	18.878	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	39289	19.362	ug/l	74
28) Bromochloromethane	4.904	49	18797	18.431	ug/l #	36
29) Tetrahydrofuran	5.013	42	53456	100.376	ug/l #	74
30) Chloroform	5.093	83	61177	19.360	ug/l	96
31) Cyclohexane	5.471	56	40096	18.714	ug/l #	78
32) 1,1,1-Trichloroethane	5.385	97	53771	19.340	ug/l #	93
36) 1,1-Dichloropropene	5.696	75	40820	18.958	ug/l	91
37) Ethyl Acetate	4.715	43	34893	20.978	ug/l #	94
38) Carbon Tetrachloride	5.678	117	48604	19.172	ug/l	96
39) Methylcyclohexane	7.379	83	52121	18.892	ug/l	84
40) Benzene	6.038	78	126479	19.535	ug/l	99

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41) Methacrylonitrile	4.928	41	17211	20.012	ug/l #	85
42) 1,2-Dichloroethane	6.086	62	42702	19.854	ug/l	93
43) Isopropyl Acetate	6.342	43	51553	20.309	ug/l #	88
44) Trichloroethene	7.129	130	42531	19.302	ug/l	85
45) 1,2-Dichloropropane	7.434	63	28677	19.876	ug/l	89
46) Dibromomethane	7.580	93	25207	19.765	ug/l #	79
47) Bromodichloromethane	7.824	83	42025	19.298	ug/l #	95
48) Methyl methacrylate	7.696	41	24506	20.445	ug/l #	78
49) 1,4-Dioxane	7.690	88	17531	429.751	ug/l #	80
51) 4-Methyl-2-Pentanone	8.574	43	171889	100.653	ug/l #	87
52) Toluene	8.720	92	87749	19.142	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	38786	19.752	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	45443	20.131	ug/l #	84
55) 1,1,2-Trichloroethane	9.153	97	36865	19.551	ug/l	94
56) Ethyl methacrylate	9.116	69	46125	21.244	ug/l #	79
57) 1,3-Dichloropropane	9.311	76	55498	19.804	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	110539	101.545	ug/l #	79
59) 2-Hexanone	9.433	43	128524	103.663	ug/l	87
60) Dibromochloromethane	9.525	129	38259	20.168	ug/l	100
61) 1,2-Dibromoethane	9.610	107	40124	20.045	ug/l	96
64) Tetrachloroethene	9.275	164	45399	19.659	ug/l	93
65) Chlorobenzene	10.080	112	104237	19.556	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	38774	20.647	ug/l	98
67) Ethyl Benzene	10.195	91	167184	19.564	ug/l	95
68) m/p-Xylenes	10.299	106	141698	39.331	ug/l	90
69) o-Xylene	10.640	106	70688	19.959	ug/l	86
70) Styrene	10.659	104	111653	20.009	ug/l	94
71) Bromoform	10.799	173	27143	17.740	ug/l #	97
73) Isopropylbenzene	10.964	105	179461	19.303	ug/l	97
74) N-amyl acetate	10.848	43	41399	20.257	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	11.214	83	50824	19.643	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	43449m	19.523	ug/l	
77) Bromobenzene	11.201	156	51476	20.366	ug/l	78
78) n-propylbenzene	11.305	91	190839	19.272	ug/l	94
79) 2-Chlorotoluene	11.366	91	114795	18.973	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	150337	19.537	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	9513	17.682	ug/l	88
82) 4-Chlorotoluene	11.457	91	131097	18.983	ug/l	90
83) tert-Butylbenzene	11.713	119	154996	19.958	ug/l	92
84) 1,2,4-Trimethylbenzene	11.750	105	152956	19.899	ug/l	96
85) sec-Butylbenzene	11.890	105	181363	19.360	ug/l	96
86) p-Isopropyltoluene	12.012	119	162152	19.588	ug/l	96
87) 1,3-Dichlorobenzene	11.970	146	93632	19.618	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	94688	19.249	ug/l	97
89) n-Butylbenzene	12.335	91	118968	19.316	ug/l	96
90) Hexachloroethane	12.543	117	20824	18.787	ug/l	78
91) 1,2-Dichlorobenzene	12.335	146	93916	19.688	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	10032	21.837	ug/l	59
93) 1,2,4-Trichlorobenzene	13.591	180	61082	20.162	ug/l	98
94) Hexachlorobutadiene	13.725	225	25044	20.296	ug/l	98
95) Naphthalene	13.774	128	198533	20.798	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	62732	20.518	ug/l	98

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

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