

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060523\
 Data File : VX035995.D
 Acq On : 05 Jun 2023 11:45
 Operator : JC/MD
 Sample : VX0605WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0605WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/06/2023
 Supervised By : Mahesh Dadoda 06/06/2023

Quant Time: Jun 06 06:41:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	220545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	382680	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	343822	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	170455	47.595	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.200%		
35) Dibromofluoromethane	5.379	113	127338	49.473	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.940%		
50) Toluene-d8	8.647	98	469471	50.822	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.640%		
62) 4-Bromofluorobenzene	11.079	95	187562	51.435	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	44910	18.638	ug/l	100
3) Chloromethane	1.294	50	46290	16.807	ug/l	100
4) Vinyl Chloride	1.373	62	44903	17.356	ug/l	97
5) Bromomethane	1.611	94	25494	14.962	ug/l	94
6) Chloroethane	1.691	64	28277	18.562	ug/l	91
7) Trichlorofluoromethane	1.886	101	65082	17.877	ug/l	95
8) Diethyl Ether	2.129	74	26593	16.820	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	42380	18.757	ug/l	98
10) Methyl Iodide	2.453	142	36396	13.684	ug/l	99
11) Tert butyl alcohol	3.074	59	56387m	88.657	ug/l	
12) 1,1-Dichloroethene	2.318	96	39291	17.758	ug/l	94
13) Acrolein	2.239	56	54236	88.528	ug/l	100
14) Allyl chloride	2.660	41	78685	17.300	ug/l	99
15) Acrylonitrile	3.068	53	128979	86.312	ug/l	99
16) Acetone	2.404	43	147615	99.908	ug/l	99
17) Carbon Disulfide	2.507	76	90225	16.274	ug/l	98
18) Methyl Acetate	2.709	43	101803	17.723	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	155650	17.959	ug/l	100
20) Methylene Chloride	2.788	84	47336	16.632	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	42797	16.921	ug/l	99
22) Diisopropyl ether	3.751	45	158804	17.950	ug/l #	85
23) Vinyl Acetate	3.721	43	568757	91.505	ug/l	99
24) 1,1-Dichloroethane	3.605	63	86846	17.699	ug/l	98
25) 2-Butanone	4.568	43	192805	91.173	ug/l	99
26) 2,2-Dichloropropane	4.471	77	72810	19.467	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	50817	16.740	ug/l	99
28) Bromochloromethane	4.891	49	53192	20.701	ug/l	95
29) Tetrahydrofuran	5.019	42	118476	86.939	ug/l	98
30) Chloroform	5.092	83	88957	17.601	ug/l	97
31) Cyclohexane	5.470	56	71012	18.938	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	77835	18.225	ug/l	100
36) 1,1-Dichloropropene	5.684	75	63486	18.499	ug/l	99
37) Ethyl Acetate	4.714	43	70253	18.381	ug/l	99
38) Carbon Tetrachloride	5.672	117	64462	19.275	ug/l	99
39) Methylcyclohexane	7.379	83	72821	20.337	ug/l	98
40) Benzene	6.031	78	186912	18.147	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	40763	18.801	ug/l	98
42) 1,2-Dichloroethane	6.086	62	75638	18.544	ug/l	98
43) Isopropyl Acetate	6.336	43	114044	18.147	ug/l	99
44) Trichloroethene	7.122	130	48416	18.120	ug/l	99
45) 1,2-Dichloropropane	7.427	63	49173	18.139	ug/l	98
46) Dibromomethane	7.580	93	33455	17.765	ug/l	95
47) Bromodichloromethane	7.817	83	65707	18.549	ug/l	99
48) Methyl methacrylate	7.689	41	56227	18.244	ug/l	95
49) 1,4-Dioxane	7.757	88	24800	351.358	ug/l #	22
51) 4-Methyl-2-Pentanone	8.573	43	360068	93.864	ug/l	98
52) Toluene	8.714	92	117659	18.170	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	67600	18.052	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	76451	18.488	ug/l	97
55) 1,1,2-Trichloroethane	9.146	97	48654	18.034	ug/l	99
56) Ethyl methacrylate	9.116	69	74510	18.472	ug/l	96
57) 1,3-Dichloropropane	9.305	76	84643	18.230	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	154139	72.931	ug/l	99
59) 2-Hexanone	9.427	43	277366	97.800	ug/l	99
60) Dibromochloromethane	9.518	129	47398	18.097	ug/l	100
61) 1,2-Dibromoethane	9.604	107	50273	18.227	ug/l	99
64) Tetrachloroethene	9.275	164	40420	18.708	ug/l	93
65) Chlorobenzene	10.079	112	129104	18.609	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	45183	18.518	ug/l	98
67) Ethyl Benzene	10.195	91	231937	18.785	ug/l	100
68) m/p-Xylenes	10.299	106	176132	37.601	ug/l	98
69) o-Xylene	10.640	106	86976	18.478	ug/l	99
70) Styrene	10.652	104	144947	19.058	ug/l	99
71) Bromoform	10.799	173	30528	18.065	ug/l #	99
73) Isopropylbenzene	10.963	105	227776	18.504	ug/l	100
74) N-amyl acetate	10.841	43	96585	18.002	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	75080	17.831	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	64304m	16.831	ug/l	
77) Bromobenzene	11.195	156	52963	17.399	ug/l	97
78) n-propylbenzene	11.305	91	269300	19.384	ug/l	99
79) 2-Chlorotoluene	11.366	91	163872	18.111	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	196416	18.926	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	19914	17.557	ug/l	96
82) 4-Chlorotoluene	11.451	91	191178	18.409	ug/l	98
83) tert-Butylbenzene	11.713	119	185654	18.725	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	195004	18.309	ug/l	98
85) sec-Butylbenzene	11.890	105	231298	19.667	ug/l	100
86) p-Isopropyltoluene	12.006	119	196619	19.555	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	102139	18.317	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	104501	17.790	ug/l	100
89) n-Butylbenzene	12.329	91	167351	19.701	ug/l	99
90) Hexachloroethane	12.536	117	29103	18.253	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	102357	18.440	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16158	18.594	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	59584	18.445	ug/l	99
94) Hexachlorobutadiene	13.725	225	23609	19.213	ug/l	99
95) Naphthalene	13.774	128	207562	18.461	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	57368	18.004	ug/l	100

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

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