

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050823\
 Data File : VX035554.D
 Acq On : 08 May 2023 12:50
 Operator : JC/MD
 Sample : VX0508WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0508WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/09/2023
 Supervised By : Mahesh Dadoda 05/09/2023

Quant Time: May 09 03:41:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	284038	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	446663	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	396895	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	197539	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	184682	53.894	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.780%			
35) Dibromofluoromethane	5.385	113	153530	56.002	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.000%			
50) Toluene-d8	8.647	98	547947	52.984	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.960%			
62) 4-Bromofluorobenzene	11.079	95	214426	55.117	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.240%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	51762	17.223	ug/l	100
3) Chloromethane	1.295	50	43063	15.750	ug/l	99
4) Vinyl Chloride	1.374	62	44549	16.246	ug/l	96
5) Bromomethane	1.618	94	29752	16.324	ug/l	97
6) Chloroethane	1.691	64	25696	16.022	ug/l	96
7) Trichlorofluoromethane	1.886	101	76336	17.801	ug/l	95
8) Diethyl Ether	2.136	74	26693	17.072	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	52267	18.249	ug/l	94
10) Methyl Iodide	2.453	142	54287	15.018	ug/l	97
11) Tert butyl alcohol	2.989	59	55515	88.975	ug/l	99
12) 1,1-Dichloroethene	2.319	96	48958	17.747	ug/l	98
13) Acrolein	2.240	56	61248	99.817	ug/l	98
14) Allyl chloride	2.666	41	87927	18.111	ug/l	99
15) Acrylonitrile	3.069	53	149168	95.587	ug/l	99
16) Acetone	2.392	43	148352	99.679	ug/l	97
17) Carbon Disulfide	2.514	76	115620	17.483	ug/l	97
18) Methyl Acetate	2.703	43	113190	19.667	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	181388	19.165	ug/l	97
20) Methylene Chloride	2.788	84	60735	17.797	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	55567	18.546	ug/l	93
22) Diisopropyl ether	3.758	45	183812	19.133	ug/l	98
23) Vinyl Acetate	3.721	43	651111	98.600	ug/l	100
24) 1,1-Dichloroethane	3.611	63	100890	18.644	ug/l	99
25) 2-Butanone	4.562	43	206732	95.167	ug/l	95
26) 2,2-Dichloropropane	4.477	77	79183	18.677	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	64918	18.433	ug/l	95
28) Bromochloromethane	4.898	49	53152	23.049	ug/l	85
29) Tetrahydrofuran	5.013	42	130196	93.494	ug/l	96
30) Chloroform	5.093	83	106349	19.468	ug/l	97
31) Cyclohexane	5.477	56	90109	18.537	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	91728	19.160	ug/l	98
36) 1,1-Dichloropropene	5.690	75	76208	17.803	ug/l	96
37) Ethyl Acetate	4.709	43	79250	20.270	ug/l	97
38) Carbon Tetrachloride	5.678	117	78117	19.223	ug/l	98
39) Methylcyclohexane	7.379	83	94289	18.095	ug/l	97
40) Benzene	6.038	78	228740	18.627	ug/l	98

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41) Methacrylonitrile	4.928	41	45565	20.339	ug/l	97
42) 1,2-Dichloroethane	6.086	62	83765	19.132	ug/l	99
43) Isopropyl Acetate	6.342	43	128551	19.568	ug/l	96
44) Trichloroethene	7.129	130	63240	18.694	ug/l	97
45) 1,2-Dichloropropane	7.428	63	58156	18.785	ug/l	98
46) Dibromomethane	7.580	93	40731	19.159	ug/l	93
47) Bromodichloromethane	7.824	83	75892	19.375	ug/l	98
48) Methyl methacrylate	7.696	41	64087	19.887	ug/l	92
49) 1,4-Dioxane	7.702	88	29132	370.871	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	399974	99.099	ug/l	97
52) Toluene	8.720	92	146205	18.783	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	80640	19.713	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	89941	19.452	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	58979	19.007	ug/l	96
56) Ethyl methacrylate	9.116	69	91070	19.702	ug/l	91
57) 1,3-Dichloropropane	9.305	76	101408	19.107	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	231436	100.132	ug/l	96
59) 2-Hexanone	9.427	43	303785	100.190	ug/l	95
60) Dibromochloromethane	9.519	129	59609	20.050	ug/l	99
61) 1,2-Dibromoethane	9.610	107	62276	19.468	ug/l	100
64) Tetrachloroethene	9.275	164	56576	18.617	ug/l	99
65) Chlorobenzene	10.080	112	159344	18.557	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	57417	19.213	ug/l	100
67) Ethyl Benzene	10.195	91	280661	18.873	ug/l	97
68) m/p-Xylenes	10.299	106	217624	38.192	ug/l	99
69) o-Xylene	10.640	106	106423	19.046	ug/l	100
70) Styrene	10.653	104	177169	19.556	ug/l	98
71) Bromoform	10.799	173	39429	18.968	ug/l #	99
73) Isopropylbenzene	10.964	105	280644	19.435	ug/l	99
74) N-amyl acetate	10.842	43	109828	20.239	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.214	83	88272	19.695	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	71847m	18.233	ug/l	
77) Bromobenzene	11.195	156	70016	19.506	ug/l	92
78) n-propylbenzene	11.305	91	314849	18.985	ug/l	99
79) 2-Chlorotoluene	11.366	91	195670	18.881	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	237731	19.525	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	21756	17.882	ug/l	93
82) 4-Chlorotoluene	11.451	91	224269	19.268	ug/l	96
83) tert-Butylbenzene	11.713	119	231263	18.930	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	234459	19.165	ug/l	99
85) sec-Butylbenzene	11.890	105	279660	18.663	ug/l	99
86) p-Isopropyltoluene	12.006	119	240523	18.872	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	129168	18.936	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	129710	18.136	ug/l	100
89) n-Butylbenzene	12.335	91	191748	17.822	ug/l	99
90) Hexachloroethane	12.536	117	36116	18.512	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	128179	18.788	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17295	19.244	ug/l	81
93) 1,2,4-Trichlorobenzene	13.585	180	77897	18.164	ug/l	98
94) Hexachlorobutadiene	13.725	225	31913	16.956	ug/l	100
95) Naphthalene	13.774	128	256275	19.412	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	77684	17.995	ug/l	99

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

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