

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050523\
 Data File : VX035528.D
 Acq On : 05 May 2023 12:09
 Operator : JC/MD
 Sample : VX0505WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0505WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/08/2023
 Supervised By : Mahesh Dadoda 05/08/2023

Quant Time: May 08 00:49:58 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	288832	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	458687	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	404781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	200549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	172401	49.475	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.960%		
35) Dibromofluoromethane	5.385	113	141915	50.409	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.820%		
50) Toluene-d8	8.647	98	522922	49.238	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.480%		
62) 4-Bromofluorobenzene	11.079	95	204335	51.146	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.300%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	53354	17.458	ug/l	100
3) Chloromethane	1.295	50	49232	17.708	ug/l	100
4) Vinyl Chloride	1.374	62	49114	17.613	ug/l	100
5) Bromomethane	1.618	94	29595	15.968	ug/l	100
6) Chloroethane	1.691	64	27436	16.823	ug/l	96
7) Trichlorofluoromethane	1.886	101	75496	17.313	ug/l	98
8) Diethyl Ether	2.130	74	28290	17.793	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	51964	17.842	ug/l	96
10) Methyl Iodide	2.453	142	53688	14.606	ug/l	98
11) Tert butyl alcohol	2.989	59	49136	77.444	ug/l	100
12) 1,1-Dichloroethene	2.319	96	49588	17.677	ug/l	96
13) Acrolein	2.240	56	63037	101.027	ug/l	100
14) Allyl chloride	2.666	41	91102	18.454	ug/l	97
15) Acrylonitrile	3.063	53	142497	89.797	ug/l	99
16) Acetone	2.386	43	143055	94.525	ug/l	100
17) Carbon Disulfide	2.514	76	118924	17.684	ug/l	97
18) Methyl Acetate	2.703	43	109948	18.787	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	177560	18.449	ug/l	96
20) Methylene Chloride	2.788	84	58360	16.818	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	56004	18.382	ug/l	98
22) Diisopropyl ether	3.758	45	187557	19.199	ug/l	94
23) Vinyl Acetate	3.721	43	650236	96.833	ug/l	99
24) 1,1-Dichloroethane	3.611	63	100493	18.262	ug/l	98
25) 2-Butanone	4.556	43	203126	91.955	ug/l	93
26) 2,2-Dichloropropane	4.471	77	76926	17.844	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	64492	18.008	ug/l	95
28) Bromochloromethane	4.898	49	47411	20.218	ug/l	92
29) Tetrahydrofuran	5.007	42	126397	89.260	ug/l	97
30) Chloroform	5.093	83	102377	18.430	ug/l	100
31) Cyclohexane	5.465	56	93756	18.967	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	88412	18.161	ug/l	98
36) 1,1-Dichloropropene	5.690	75	77419	17.612	ug/l	98
37) Ethyl Acetate	4.715	43	75929	18.911	ug/l	95
38) Carbon Tetrachloride	5.678	117	74856	17.938	ug/l	98
39) Methylcyclohexane	7.379	83	97329	18.189	ug/l	97
40) Benzene	6.038	78	232285	18.420	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	43945	19.102	ug/l	98
42) 1,2-Dichloroethane	6.086	62	81731	18.178	ug/l	98
43) Isopropyl Acetate	6.336	43	125378	18.585	ug/l	97
44) Trichloroethene	7.123	130	61591	17.730	ug/l	96
45) 1,2-Dichloropropane	7.428	63	60195	18.934	ug/l	96
46) Dibromomethane	7.580	93	38590	17.676	ug/l	94
47) Bromodichloromethane	7.824	83	73081	18.168	ug/l	97
48) Methyl methacrylate	7.690	41	61898	18.704	ug/l	93
49) 1,4-Dioxane	7.696	88	26276	325.743	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	391062	94.351	ug/l	98
52) Toluene	8.720	92	146857	18.372	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	76633	18.242	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	88685	18.678	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	57709	18.110	ug/l	98
56) Ethyl methacrylate	9.116	69	89010	18.751	ug/l	91
57) 1,3-Dichloropropane	9.305	76	99751	18.302	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	220559	92.925	ug/l	98
59) 2-Hexanone	9.427	43	297243	95.462	ug/l	96
60) Dibromochloromethane	9.519	129	55474	18.170	ug/l	97
61) 1,2-Dibromoethane	9.610	107	59740	18.186	ug/l	99
64) Tetrachloroethene	9.275	164	55337	17.855	ug/l	98
65) Chlorobenzene	10.080	112	157718	18.009	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	54326	17.824	ug/l	99
67) Ethyl Benzene	10.195	91	281076	18.533	ug/l	98
68) m/p-Xylenes	10.299	106	218025	37.517	ug/l	99
69) o-Xylene	10.640	106	107164	18.805	ug/l	98
70) Styrene	10.653	104	173511	18.779	ug/l	97
71) Bromoform	10.799	173	36433	17.186	ug/l	99
73) Isopropylbenzene	10.964	105	279702	19.079	ug/l	100
74) N-amyl acetate	10.842	43	107374	19.490	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.214	83	83642	18.382	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	69888m	17.470	ug/l	
77) Bromobenzene	11.195	156	66766	18.322	ug/l	94
78) n-propylbenzene	11.305	91	322670	19.165	ug/l	100
79) 2-Chlorotoluene	11.366	91	195120	18.546	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	236996	19.173	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	20757	16.805	ug/l	92
82) 4-Chlorotoluene	11.451	91	221346	18.732	ug/l	97
83) tert-Butylbenzene	11.713	119	227582	18.349	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	235710	18.978	ug/l	100
85) sec-Butylbenzene	11.890	105	282969	18.600	ug/l	99
86) p-Isopropyltoluene	12.006	119	243648	18.831	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	126647	18.287	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	128163	17.651	ug/l	99
89) n-Butylbenzene	12.329	91	197758	18.105	ug/l	99
90) Hexachloroethane	12.536	117	34994	17.668	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	124533	17.979	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	16242	17.801	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	78070	17.931	ug/l	98
94) Hexachlorobutadiene	13.725	225	32449	16.982	ug/l	97
95) Naphthalene	13.774	128	249943	18.648	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	76989	17.566	ug/l	99

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

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