

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042723\
 Data File : VX035375.D
 Acq On : 28 Apr 2023 08:50
 Operator : JC/MD
 Sample : 02522-12MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4MS

Quant Time: Apr 28 09:17:36 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

Manual Integrations APPROVED

Reviewed By :John Carlone 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	221818	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	364221	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	321521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	157406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129458	48.376	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.760%		
35) Dibromofluoromethane	5.385	113	108273	48.434	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.860%		
50) Toluene-d8	8.647	98	388056	46.017	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	92.040%		
62) 4-Bromofluorobenzene	11.079	95	146406	46.151	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	126696	53.980	ug/l	99
3) Chloromethane	1.294	50	104326	48.861	ug/l	99
4) Vinyl Chloride	1.374	62	109346	51.060	ug/l	99
5) Bromomethane	1.618	94	60639	42.603	ug/l	94
6) Chloroethane	1.691	64	62967	50.274	ug/l	100
7) Trichlorofluoromethane	1.892	101	181663	54.246	ug/l	100
8) Diethyl Ether	2.136	74	61829	50.637	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	114901	51.370	ug/l	97
10) Methyl Iodide	2.453	142	119082	42.184	ug/l	99
11) Tert butyl alcohol	2.995	59	108568m	222.811	ug/l	
12) 1,1-Dichloroethene	2.319	96	113232	52.558	ug/l	95
13) Acrolein	2.239	56	102550	214.006	ug/l	100
14) Allyl chloride	2.666	41	188768	49.789	ug/l	97
15) Acrylonitrile	3.062	53	311699	255.764	ug/l	99
16) Acetone	2.386	43	257999	221.977	ug/l	100
17) Carbon Disulfide	2.514	76	264462	51.207	ug/l	99
18) Methyl Acetate	2.703	43	217442	48.380	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	402151	54.410	ug/l	96
20) Methylene Chloride	2.788	84	130343	48.909	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	123025	52.578	ug/l	95
22) Diisopropyl ether	3.757	45	392815	52.357	ug/l	90
23) Vinyl Acetate	3.721	43	1259773	244.282	ug/l	98
24) 1,1-Dichloroethane	3.611	63	226150	53.514	ug/l	99
25) 2-Butanone	4.556	43	405047	238.760	ug/l	95
26) 2,2-Dichloropropane	4.477	77	130882	39.532	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	145583	52.932	ug/l	92
28) Bromochloromethane	4.897	49	86302	47.921	ug/l	86
29) Tetrahydrofuran	5.007	42	263120	241.947	ug/l	94
30) Chloroform	5.093	83	246483	57.776	ug/l	97
31) Cyclohexane	5.470	56	193850	51.065	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	205559	54.980	ug/l	97
36) 1,1-Dichloropropene	5.696	75	169673	48.609	ug/l	97
37) Ethyl Acetate	4.715	43	151431	47.499	ug/l	96
38) Carbon Tetrachloride	5.678	117	179266	54.099	ug/l	96
39) Methylcyclohexane	7.379	83	196101	46.153	ug/l	98
40) Benzene	6.037	78	506654	50.598	ug/l	98

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41) Methacrylonitrile	4.916	41	94820	51.906	ug/l	97
42) 1,2-Dichloroethane	6.086	62	185111	51.849	ug/l	98
43) Isopropyl Acetate	6.336	43	261624	48.838	ug/l	96
44) Trichloroethene	7.123	130	140302	50.862	ug/l	99
45) 1,2-Dichloropropane	7.427	63	129812	51.422	ug/l	99
46) Dibromomethane	7.580	93	90183	52.021	ug/l	93
47) Bromodichloromethane	7.818	83	172706	54.071	ug/l	98
48) Methyl methacrylate	7.690	41	137363	52.274	ug/l	91
49) 1,4-Dioxane	7.696	88	48009	749.532	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	820330	249.255	ug/l	96
52) Toluene	8.720	92	321625	50.672	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	176233	52.833	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	196148	52.025	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	129013	50.988	ug/l	99
56) Ethyl methacrylate	9.116	69	197207	52.320	ug/l	91
57) 1,3-Dichloropropane	9.305	76	220382	50.922	ug/l	100
59) 2-Hexanone	9.427	43	604885	244.649	ug/l	94
60) Dibromochloromethane	9.519	129	134460	55.464	ug/l	99
61) 1,2-Dibromoethane	9.610	107	136656	52.390	ug/l	100
64) Tetrachloroethene	9.275	164	119781	48.656	ug/l	95
65) Chlorobenzene	10.079	112	343173	49.334	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	130861	54.054	ug/l	98
67) Ethyl Benzene	10.195	91	614319	50.995	ug/l	99
68) m/p-Xylenes	10.299	106	468967	101.596	ug/l	99
69) o-Xylene	10.640	106	232573	51.381	ug/l	100
70) Styrene	10.652	104	381829	52.026	ug/l	98
71) Bromoform	10.799	173	94548	56.148	ug/l #	100
73) Isopropylbenzene	10.963	105	604553	52.541	ug/l	100
74) N-amyl acetate	10.841	43	214121	49.518	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.213	83	187176	52.411	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	152065m	48.430	ug/l	
77) Bromobenzene	11.195	156	150762	52.711	ug/l	92
78) n-propylbenzene	11.305	91	674184	51.018	ug/l	98
79) 2-Chlorotoluene	11.366	91	414245	50.165	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	508634	52.426	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	44712	46.121	ug/l	96
82) 4-Chlorotoluene	11.451	91	472792	50.977	ug/l	97
83) tert-Butylbenzene	11.713	119	505043	51.881	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	508710	52.185	ug/l	100
85) sec-Butylbenzene	11.890	105	596007	49.914	ug/l	99
86) p-Isopropyltoluene	12.006	119	511094	50.327	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	274952	50.584	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	276814	48.572	ug/l	98
89) n-Butylbenzene	12.329	91	405010	47.243	ug/l	99
90) Hexachloroethane	12.536	117	81561	52.465	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	277538	51.052	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	39622	55.328	ug/l	84
93) 1,2,4-Trichlorobenzene	13.591	180	170998	50.041	ug/l	100
94) Hexachlorobutadiene	13.725	225	63830	42.561	ug/l	99
95) Naphthalene	13.774	128	570802	54.260	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	165582	48.135	ug/l	99

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

