

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010224\
 Data File : VX039562.D
 Acq On : 02 Jan 2024 11:07
 Operator : JC/MD
 Sample : VX0102WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0102WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/03/2024
 Supervised By : Mahesh Dadoda 01/04/2024

Quant Time: Jan 03 04:09:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121323W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 01:28:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	115480	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	212792	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	187900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	84139	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	102036	48.232	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	96.460%		
35) Dibromofluoromethane	5.385	113	73908	50.275	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.560%		
50) Toluene-d8	8.647	98	276365	50.638	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.280%		
62) 4-Bromofluorobenzene	11.079	95	102242	45.404	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	90.800%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28829	17.766	ug/l	99
3) Chloromethane	1.294	50	33474	18.607	ug/l	97
4) Vinyl Chloride	1.374	62	32552	19.456	ug/l	100
5) Bromomethane	1.599	94	15389	15.988	ug/l	94
6) Chloroethane	1.666	64	13686	13.574	ug/l	95
7) Trichlorofluoromethane	1.874	101	45385	18.525	ug/l	97
8) Diethyl Ether	2.136	74	17398	20.519	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.325	101	28216	18.873	ug/l	96
10) Methyl Iodide	2.447	142	25323	16.387	ug/l	93
11) Tert butyl alcohol	3.007	59	47019	88.508	ug/l #	91
12) 1,1-Dichloroethene	2.313	96	27036	18.206	ug/l	92
13) Acrolein	2.239	56	41948	98.980	ug/l	99
14) Allyl chloride	2.660	41	53450	17.767	ug/l	97
15) Acrylonitrile	3.062	53	101814	95.749	ug/l	99
16) Acetone	2.386	43	103941	67.349	ug/l	91
17) Carbon Disulfide	2.508	76	66999	15.417	ug/l	99
18) Methyl Acetate	2.703	43	92899	20.303	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	102652	19.113	ug/l	98
20) Methylene Chloride	2.788	84	32626	18.500	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	27724	17.157	ug/l	97
22) Diisopropyl ether	3.763	45	107883	19.701	ug/l	87
23) Vinyl Acetate	3.721	43	385386	94.532	ug/l	99
24) 1,1-Dichloroethane	3.605	63	58640	18.943	ug/l	98
25) 2-Butanone	4.562	43	150734	82.570	ug/l	99
26) 2,2-Dichloropropane	4.471	77	46260	17.117	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	33820	18.962	ug/l	99
28) Bromochloromethane	4.897	49	29834	19.752	ug/l	93
29) Tetrahydrofuran	5.007	42	98969	98.170	ug/l	97
30) Chloroform	5.092	83	57208	18.493	ug/l	96
31) Cyclohexane	5.470	56	50869	18.617	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	47722	17.770	ug/l	97
36) 1,1-Dichloropropene	5.690	75	41386	17.840	ug/l	99
37) Ethyl Acetate	4.715	43	54169	18.900	ug/l	98
38) Carbon Tetrachloride	5.672	117	37648	17.006	ug/l	97
39) Methylcyclohexane	7.379	83	50371	18.076	ug/l	100
40) Benzene	6.031	78	123718	18.853	ug/l	99

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41) Methacrylonitrile	4.928	41	29352	19.195	ug/l	97
42) 1,2-Dichloroethane	6.086	62	48371	18.210	ug/l	100
43) Isopropyl Acetate	6.342	43	85781	18.406	ug/l	99
44) Trichloroethene	7.123	130	28911	17.459	ug/l	92
45) 1,2-Dichloropropane	7.427	63	33793	19.188	ug/l	98
46) Dibromomethane	7.580	93	22459	18.141	ug/l	95
47) Bromodichloromethane	7.818	83	42225	17.838	ug/l	99
48) Methyl methacrylate	7.696	41	51979	19.077	ug/l	98
49) 1,4-Dioxane	7.665	88	15140	412.231	ug/l #	95
51) 4-Methyl-2-Pentanone	8.574	43	293077	98.697	ug/l	99
52) Toluene	8.714	92	73788	18.630	ug/l	92
53) t-1,3-Dichloropropene	8.976	75	44878	17.221	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	49735	17.737	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	31391	18.984	ug/l	94
56) Ethyl methacrylate	9.116	69	39603	19.619	ug/l	97
57) 1,3-Dichloropropane	9.305	76	54701	19.136	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	123514	104.207	ug/l	94
59) 2-Hexanone	9.433	43	233974	91.298	ug/l	99
60) Dibromochloromethane	9.519	129	29115	17.411	ug/l	100
61) 1,2-Dibromoethane	9.610	107	32304	18.301	ug/l	99
64) Tetrachloroethene	9.275	164	22181	18.065	ug/l	96
65) Chlorobenzene	10.079	112	76569	18.670	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	26662	18.404	ug/l	97
67) Ethyl Benzene	10.189	91	145272	19.029	ug/l	98
68) m/p-Xylenes	10.299	106	105375	38.497	ug/l	96
69) o-Xylene	10.640	106	52043	19.665	ug/l	94
70) Styrene	10.652	104	72989	18.865	ug/l	94
71) Bromoform	10.799	173	19190	17.821	ug/l #	99
73) Isopropylbenzene	10.963	105	139626	21.509	ug/l	99
74) N-amyl acetate	10.841	43	71142	21.660	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	55003	22.776	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	45323m	20.821	ug/l	
77) Bromobenzene	11.195	156	29945	20.860	ug/l	92
78) n-propylbenzene	11.305	91	162055	20.261	ug/l	97
79) 2-Chlorotoluene	11.366	91	98609	20.382	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	117932	21.325	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	13927	18.048	ug/l	98
82) 4-Chlorotoluene	11.451	91	112859	19.861	ug/l	99
83) tert-Butylbenzene	11.713	119	112688	21.411	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	118295	20.859	ug/l	99
85) sec-Butylbenzene	11.890	105	135755	20.270	ug/l	97
86) p-Isopropyltoluene	12.006	119	112444	20.006	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	54834	19.443	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	54852	18.680	ug/l	97
89) n-Butylbenzene	12.329	91	102263	18.508	ug/l	94
90) Hexachloroethane	12.536	117	19176	18.887	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	55772	20.668	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12405	19.502	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	30670	17.358	ug/l	97
94) Hexachlorobutadiene	13.725	225	12905	19.380	ug/l	99
95) Naphthalene	13.774	128	125750	20.436	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	31776	18.629	ug/l	99

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

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