

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020724\
 Data File : VX040149.D
 Acq On : 07 Feb 2024 14:10
 Operator : JC/MD
 Sample : VX0207WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0207WBS01

Quant Time: Feb 07 15:23:02 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X013024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 01 05:44:39 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/07/2024
 Supervised By :Semsettin Yesilyurt 02/08/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	76535	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	133663	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	60074	48.772	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	97.540%		
35) Dibromofluoromethane	5.385	113	48599	53.412	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	106.820%		
50) Toluene-d8	8.647	98	172090	50.574	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.140%		
62) 4-Bromofluorobenzene	11.079	95	63102	48.161	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.320%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	19195	22.267	ug/l	95
3) Chloromethane	1.295	50	15762	19.280	ug/l	98
4) Vinyl Chloride	1.374	62	13268	17.548	ug/l	99
5) Bromomethane	1.605	94	10311	14.028	ug/l	86
6) Chloroethane	1.685	64	7533	15.092	ug/l #	88
7) Trichlorofluoromethane	1.886	101	16141	13.418	ug/l	97
8) Diethyl Ether	2.130	74	7210	16.953	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.325	101	16435	18.311	ug/l	98
10) Methyl Iodide	2.447	142	18584	19.450	ug/l	92
11) Tert butyl alcohol	2.953	59	24776	110.856	ug/l #	90
12) 1,1-Dichloroethene	2.319	96	14343	16.662	ug/l	85
13) Acrolein	2.233	56	19311	90.183	ug/l	99
14) Allyl chloride	2.666	41	28366	18.281	ug/l	99
15) Acrylonitrile	3.063	53	61965	110.680	ug/l	99
16) Acetone	2.380	43	56600	98.072	ug/l	98
17) Carbon Disulfide	2.508	76	43398	17.243	ug/l	100
18) Methyl Acetate	2.703	43	25846	18.904	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	56809	19.265	ug/l	100
20) Methylene Chloride	2.788	84	19726	19.233	ug/l	94
21) trans-1,2-Dichloroethene	3.087	96	17482	18.441	ug/l	89
22) Diisopropyl ether	3.758	45	58812	19.567	ug/l	95
23) Vinyl Acetate	3.721	43	279713	103.987	ug/l	99
24) 1,1-Dichloroethane	3.611	63	32026	18.604	ug/l	100
25) 2-Butanone	4.556	43	86330	107.608	ug/l	99
26) 2,2-Dichloropropane	4.477	77	21804	16.233	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	19786	18.705	ug/l	95
28) Bromochloromethane	4.898	49	14366	17.897	ug/l	97
29) Tetrahydrofuran	5.001	42	54989	107.799	ug/l	96
30) Chloroform	5.093	83	32013	17.319	ug/l	99
31) Cyclohexane	5.471	56	27886	18.074	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	26430	16.661	ug/l	98
36) 1,1-Dichloropropene	5.690	75	23545	17.892	ug/l	99
37) Ethyl Acetate	4.721	43	31033	21.594	ug/l	97
38) Carbon Tetrachloride	5.672	117	21374	16.975	ug/l	97
39) Methylcyclohexane	7.379	83	28136	17.573	ug/l	95
40) Benzene	6.038	78	69378	18.101	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	15987	21.935	ug/l #	90
42) 1,2-Dichloroethane	6.086	62	26636	18.053	ug/l	99
43) Isopropyl Acetate	6.342	43	45891	20.249	ug/l	98
44) Trichloroethene	7.123	130	18073	17.919	ug/l	92
45) 1,2-Dichloropropane	7.428	63	18226	18.011	ug/l	97
46) Dibromomethane	7.580	93	13890	18.287	ug/l	98
47) Bromodichloromethane	7.818	83	24539	18.139	ug/l	93
48) Methyl methacrylate	7.696	41	22269	19.947	ug/l	92
49) 1,4-Dioxane	7.653	88	11696	482.108	ug/l #	88
51) 4-Methyl-2-Pentanone	8.568	43	164229	106.155	ug/l	99
52) Toluene	8.714	92	43294	18.123	ug/l	95
53) t-1,3-Dichloropropene	8.976	75	24314	17.329	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	27031	18.055	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	18663	18.874	ug/l	96
56) Ethyl methacrylate	9.116	69	28722	19.891	ug/l	94
57) 1,3-Dichloropropane	9.305	76	31371	19.261	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	73476	101.191	ug/l	97
59) 2-Hexanone	9.427	43	126939	102.909	ug/l	100
60) Dibromochloromethane	9.519	129	18000	18.116	ug/l	100
61) 1,2-Dibromoethane	9.610	107	21147	19.781	ug/l	95
64) Tetrachloroethene	9.275	164	15787	19.347	ug/l	95
65) Chlorobenzene	10.080	112	48088	18.552	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.159	131	15435	17.632	ug/l	93
67) Ethyl Benzene	10.195	91	83345	17.920	ug/l	99
68) m/p-Xylenes	10.299	106	64512	36.871	ug/l	99
69) o-Xylene	10.640	106	32096	19.339	ug/l	98
70) Styrene	10.659	104	53018	18.954	ug/l	98
71) Bromoform	10.799	173	11997	17.866	ug/l #	97
73) Isopropylbenzene	10.964	105	63812	13.956	ug/l	97
74) N-amyl acetate	10.842	43	37255	17.845	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	29355	17.077	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	20577m	15.176	ug/l	
77) Bromobenzene	11.195	156	18320	17.370	ug/l	97
78) n-propylbenzene	11.305	91	92163	16.380	ug/l	100
79) 2-Chlorotoluene	11.360	91	54822	16.185	ug/l	99
80) 1,3,5-Trimethylbenzene	11.445	105	54228	13.797	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	6202	16.089	ug/l	94
82) 4-Chlorotoluene	11.451	91	50995	13.117	ug/l	99
83) tert-Butylbenzene	11.720	119	50039	13.305	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	64990	16.571	ug/l	98
85) sec-Butylbenzene	11.884	105	74173	14.886	ug/l	99
86) p-Isopropyltoluene	12.006	119	68731	16.892	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	38922	18.293	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	39334	18.060	ug/l	98
89) n-Butylbenzene	12.329	91	63457	16.068	ug/l	97
90) Hexachloroethane	12.536	117	9911	15.816	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	36508	17.796	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7269	18.655	ug/l	94
93) 1,2,4-Trichlorobenzene	13.585	180	23148	18.050	ug/l	99
94) Hexachlorobutadiene	13.725	225	8526	16.878	ug/l	94
95) Naphthalene	13.774	128	83677	19.211	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	23007	18.145	ug/l	98

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

