

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080724\
 Data File : VX042932.D
 Acq On : 07 Aug 2024 23:55
 Operator : JC/MD
 Sample : VX0807WBSD03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBSD03

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/08/2024
 Supervised By : Mahesh Dadoda 08/09/2024

Quant Time: Aug 08 04:03:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	227646	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	386447	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	333556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162666	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	165011	52.801	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.600%			
35) Dibromofluoromethane	5.385	113	130341	51.584	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.160%			
50) Toluene-d8	8.647	98	456634	50.906	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.820%			
62) 4-Bromofluorobenzene	11.079	95	166102	51.530	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.060%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	50227	20.470	ug/l	99
3) Chloromethane	1.294	50	50501	18.889	ug/l	98
4) Vinyl Chloride	1.374	62	51788	20.416	ug/l	100
5) Bromomethane	1.599	94	30702	19.999	ug/l	99
6) Chloroethane	1.666	64	24801	17.162	ug/l	94
7) Trichlorofluoromethane	1.868	101	79443	20.138	ug/l	94
8) Diethyl Ether	2.136	74	28331	19.525	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.319	101	47538	19.166	ug/l	92
10) Methyl Iodide	2.447	142	55897	21.795	ug/l	96
11) Tert butyl alcohol	3.001	59	63680	102.444	ug/l #	90
12) 1,1-Dichloroethene	2.306	96	49805	19.849	ug/l	86
13) Acrolein	2.239	56	62935	102.715	ug/l	97
14) Allyl chloride	2.660	41	79483	20.964	ug/l	94
15) Acrylonitrile	3.069	53	151639	95.578	ug/l	99
16) Acetone	2.392	43	125055	92.258	ug/l	90
17) Carbon Disulfide	2.502	76	112218	18.378	ug/l	99
18) Methyl Acetate	2.709	43	82800	19.263	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	168613	19.965	ug/l	100
20) Methylene Chloride	2.788	84	55564	19.117	ug/l	91
21) trans-1,2-Dichloroethene	3.087	96	50675	20.074	ug/l	95
22) Diisopropyl ether	3.770	45	165245	19.840	ug/l	88
23) Vinyl Acetate	3.721	43	946867	100.166	ug/l	97
24) 1,1-Dichloroethane	3.605	63	94922	19.816	ug/l	99
25) 2-Butanone	4.568	43	204291	95.970	ug/l	96
26) 2,2-Dichloropropane	4.477	77	56052	19.034	ug/l	93
27) cis-1,2-Dichloroethene	4.489	96	60026	20.050	ug/l	91
28) Bromochloromethane	4.904	49	37548	20.428	ug/l	84
29) Tetrahydrofuran	5.013	42	134469	93.482	ug/l	93
30) Chloroform	5.093	83	100978	20.136	ug/l	96
31) Cyclohexane	5.464	56	77486	19.816	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	89345	20.239	ug/l	96
36) 1,1-Dichloropropene	5.690	75	62595	18.272	ug/l	95
37) Ethyl Acetate	4.721	43	79945	18.651	ug/l	97
38) Carbon Tetrachloride	5.678	117	74632	19.299	ug/l	93
39) Methylcyclohexane	7.373	83	79236	19.456	ug/l	93
40) Benzene	6.038	78	209612	19.715	ug/l	99

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41) Methacrylonitrile	4.922	41	40927	18.538	ug/l	91
42) 1,2-Dichloroethane	6.086	62	76987	19.907	ug/l	99
43) Isopropyl Acetate	6.348	43	123715	19.516	ug/l	98
44) Trichloroethene	7.129	130	51447	19.257	ug/l	92
45) 1,2-Dichloropropane	7.428	63	50804	18.836	ug/l	97
46) Dibromomethane	7.586	93	38263	19.316	ug/l	92
47) Bromodichloromethane	7.824	83	70927	19.275	ug/l	97
48) Methyl methacrylate	7.696	41	59428	19.551	ug/l	92
49) 1,4-Dioxane	7.671	88	28259	418.807	ug/l #	85
51) 4-Methyl-2-Pentanone	8.574	43	414742	97.675	ug/l	97
52) Toluene	8.720	92	128161	19.872	ug/l	94
53) t-1,3-Dichloropropene	8.982	75	66155	19.448	ug/l	97
54) cis-1,3-Dichloropropene	8.366	75	71416	19.010	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	51695	19.717	ug/l	93
56) Ethyl methacrylate	9.116	69	82167	19.476	ug/l	93
57) 1,3-Dichloropropane	9.305	76	85138	19.823	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	193072	97.096	ug/l	98
59) 2-Hexanone	9.433	43	313018	95.137	ug/l	94
60) Dibromochloromethane	9.519	129	55819	19.380	ug/l	99
61) 1,2-Dibromoethane	9.610	107	53748	19.403	ug/l	97
64) Tetrachloroethene	9.275	164	47412	20.443	ug/l	95
65) Chlorobenzene	10.079	112	141696	20.018	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	48848	20.014	ug/l	98
67) Ethyl Benzene	10.195	91	241215	20.260	ug/l	100
68) m/p-Xylenes	10.299	106	182281	40.104	ug/l	98
69) o-Xylene	10.640	106	91111	20.010	ug/l	99
70) Styrene	10.653	104	149193	20.377	ug/l	98
71) Bromoform	10.799	173	39342	19.989	ug/l #	99
73) Isopropylbenzene	10.963	105	238617	20.290	ug/l	99
74) N-amyl acetate	10.842	43	103411	19.542	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	82881	19.237	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	66896m	18.286	ug/l	
77) Bromobenzene	11.201	156	58634	19.599	ug/l	90
78) n-propylbenzene	11.305	91	262242	20.074	ug/l	99
79) 2-Chlorotoluene	11.366	91	166629	19.901	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	197149	20.245	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	20539	18.255	ug/l	95
82) 4-Chlorotoluene	11.451	91	184826	19.639	ug/l	98
83) tert-Butylbenzene	11.713	119	198820	19.867	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	201916	20.596	ug/l	100
85) sec-Butylbenzene	11.890	105	237914	20.190	ug/l	99
86) p-Isopropyltoluene	12.006	119	195328	19.951	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	106216	19.618	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	103880	18.719	ug/l	99
89) n-Butylbenzene	12.329	91	159101	18.837	ug/l	97
90) Hexachloroethane	12.536	117	33414	18.658	ug/l	85
91) 1,2-Dichlorobenzene	12.335	146	108446	20.003	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18214	19.240	ug/l	86
93) 1,2,4-Trichlorobenzene	13.591	180	61618	18.632	ug/l	98
94) Hexachlorobutadiene	13.725	225	27174	19.375	ug/l	98
95) Naphthalene	13.774	128	231896	20.264	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	66381	19.941	ug/l	97

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

