

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
 Data File : VX042105.D
 Acq On : 01 Jul 2024 11:39
 Operator : JC/MD
 Sample : VX0701WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0701WBSD01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jul 01 16:06:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

07/02/2024
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	171441	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	237517	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	219041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118459	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	86487	43.748	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.500%
35) Dibromofluoromethane	5.385	113	80651	47.855	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.720%
50) Toluene-d8	8.647	98	273983	46.276	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.560%
62) 4-Bromofluorobenzene	11.079	95	104965	48.095	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.180%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	28317	21.681	ug/l	98
3) Chloromethane	1.301	50	29862	18.225	ug/l	97
4) Vinyl Chloride	1.374	62	28707	17.478	ug/l	96
5) Bromomethane	1.599	94	16444	20.275	ug/l	98
6) Chloroethane	1.666	64	15557	20.998	ug/l	99
7) Trichlorofluoromethane	1.874	101	45119	20.967	ug/l	97
8) Diethyl Ether	2.136	74	17850	17.671	ug/l	83
9) 1,1,2-Trichlorotrifluo...	2.319	101	28903	19.498	ug/l #	85
10) Methyl Iodide	2.447	142	34635	18.798	ug/l #	87
11) Tert butyl alcohol	2.989	59	38010	101.309	ug/l #	95
12) 1,1-Dichloroethene	2.313	96	27929	18.888	ug/l #	77
13) Acrolein	2.239	56	50462	119.985	ug/l	97
14) Allyl chloride	2.660	41	44428	18.945	ug/l	88
15) Acrylonitrile	3.068	53	88617	90.426	ug/l	99
16) Acetone	2.386	43	76317	87.915	ug/l	93
17) Carbon Disulfide	2.502	76	59987	19.896	ug/l	99
18) Methyl Acetate	2.709	43	38098	16.088	ug/l	94
19) Methyl tert-butyl Ether	3.117	73	93073	19.052	ug/l	100
20) Methylene Chloride	2.788	84	33145	17.438	ug/l	87
21) trans-1,2-Dichloroethene	3.087	96	28602	19.059	ug/l	86
22) Diisopropyl ether	3.763	45	91735	18.506	ug/l	94
23) Vinyl Acetate	3.721	43	408157	96.415	ug/l #	94
24) 1,1-Dichloroethane	3.605	63	50969	18.361	ug/l	96
25) 2-Butanone	4.562	43	118559	87.789	ug/l	91
26) 2,2-Dichloropropane	4.471	77	39031	19.416	ug/l	94
27) cis-1,2-Dichloroethene	4.489	96	35273	18.766	ug/l	87
28) Bromochloromethane	4.897	49	21325	17.936	ug/l #	72
29) Tetrahydrofuran	5.007	42	78196	89.654	ug/l	93
30) Chloroform	5.086	83	53798	18.602	ug/l	99
31) Cyclohexane	5.458	56	44113	19.080	ug/l	93
32) 1,1,1-Trichloroethane	5.379	97	45341	18.763	ug/l	95
36) 1,1-Dichloropropene	5.690	75	34726	19.404	ug/l	93
37) Ethyl Acetate	4.721	43	43816	18.795	ug/l	96
38) Carbon Tetrachloride	5.672	117	39515	19.984	ug/l	99
39) Methylcyclohexane	7.379	83	47735	21.091	ug/l	90
40) Benzene	6.031	78	118814	19.685	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	24239	19.181	ug/l	91
42) 1,2-Dichloroethane	6.086	62	38142	19.618	ug/l	89
43) Isopropyl Acetate	6.342	43	66664	18.630	ug/l #	93
44) Trichloroethene	7.123	130	32859	20.310	ug/l	87
45) 1,2-Dichloropropane	7.427	63	28731	19.359	ug/l	99
46) Dibromomethane	7.580	93	21514	19.895	ug/l #	75
47) Bromodichloromethane	7.824	83	38675	19.480	ug/l	98
48) Methyl methacrylate	7.696	41	32730	19.165	ug/l #	85
49) 1,4-Dioxane	7.665	88	17118	391.202	ug/l #	82
51) 4-Methyl-2-Pentanone	8.574	43	230071	93.338	ug/l	94
52) Toluene	8.720	92	77190	20.083	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	38475	19.178	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	43484	20.006	ug/l #	85
55) 1,1,2-Trichloroethane	9.153	97	31740	19.823	ug/l	96
56) Ethyl methacrylate	9.116	69	47841	19.206	ug/l #	87
57) 1,3-Dichloropropane	9.305	76	51145	19.771	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	115330	99.354	ug/l	94
59) 2-Hexanone	9.433	43	176334	93.401	ug/l	92
60) Dibromochloromethane	9.519	129	34108	19.611	ug/l	99
61) 1,2-Dibromoethane	9.610	107	33032	19.893	ug/l	97
64) Tetrachloroethene	9.269	164	32458	20.352	ug/l	93
65) Chlorobenzene	10.079	112	88787	19.490	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	31217	19.573	ug/l	98
67) Ethyl Benzene	10.195	91	141153	19.771	ug/l	97
68) m/p-Xylenes	10.299	106	114433	39.707	ug/l	93
69) o-Xylene	10.640	106	56261	19.718	ug/l	94
70) Styrene	10.652	104	95612	19.984	ug/l	93
71) Bromoform	10.799	173	26992	18.580	ug/l #	98
73) Isopropylbenzene	10.963	105	147984	20.545	ug/l	97
74) N-amyl acetate	10.841	43	57652	18.019	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	50097	18.706	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	39864m	18.537	ug/l	
77) Bromobenzene	11.195	156	42035	19.595	ug/l	77
78) n-propylbenzene	11.305	91	156681	20.048	ug/l	96
79) 2-Chlorotoluene	11.366	91	98994	19.660	ug/l	91
80) 1,3,5-Trimethylbenzene	11.451	105	121636	20.275	ug/l	95
81) trans-1,4-Dichloro-2-b...	11.018	75	13731	18.133	ug/l	90
82) 4-Chlorotoluene	11.451	91	110495	19.851	ug/l	93
83) tert-Butylbenzene	11.713	119	128197	19.474	ug/l	90
84) 1,2,4-Trimethylbenzene	11.750	105	121113	20.122	ug/l	92
85) sec-Butylbenzene	11.890	105	149799	20.119	ug/l	96
86) p-Isopropyltoluene	12.006	119	131207	20.173	ug/l	94
87) 1,3-Dichlorobenzene	11.969	146	74941	19.875	ug/l	94
88) 1,4-Dichlorobenzene	12.042	146	75378	19.484	ug/l	96
89) n-Butylbenzene	12.329	91	99033	19.780	ug/l	97
90) Hexachloroethane	12.536	117	20839	18.819	ug/l #	57
91) 1,2-Dichlorobenzene	12.335	146	74951	19.426	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9764	18.397	ug/l #	44
93) 1,2,4-Trichlorobenzene	13.585	180	49120	19.434	ug/l	96
94) Hexachlorobutadiene	13.725	225	25201	19.718	ug/l	99
95) Naphthalene	13.774	128	149343	18.069	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	51474	19.310	ug/l	95

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

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

