

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112224\
 Data File : VX043974.D
 Acq On : 22 Nov 2024 20:42
 Operator : JC/MD
 Sample : P4934-07MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-10-20241119MSD

Quant Time: Nov 22 22:31:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 22 03:45:52 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John Carlone 11/25/2024
 Supervised By :Mahesh Dadoda 11/25/2024

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	108873	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	6.757	114	198897	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	171140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	79942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	103662	55.513	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.020%			
35) Dibromofluoromethane	5.385	113	77710	54.678	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.360%			
50) Toluene-d8	8.646	98	267026	54.505	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.020%			
62) 4-Bromofluorobenzene	11.079	95	90415	54.229	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.460%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	67339	48.823	ug/l	100
3) Chloromethane	1.294	50	75165	51.788	ug/l	98
4) Vinyl Chloride	1.373	62	77105	49.946	ug/l	98
5) Bromomethane	1.599	94	57309	60.345	ug/l	95
6) Chloroethane	1.666	64	50965	54.179	ug/l	100
7) Trichlorofluoromethane	1.867	101	171231	62.040	ug/l	98
8) Diethyl Ether	2.135	74	53695	53.376	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.318	101	66563	50.559	ug/l	98
10) Methyl Iodide	2.440	142	85969	52.284	ug/l	97
11) Tert butyl alcohol	3.007	59	71616	238.937	ug/l	99
12) 1,1-Dichloroethene	2.306	96	64688	51.563	ug/l	96
13) Acrolein	2.239	56	78855	249.600	ug/l	98
14) Allyl chloride	2.660	41	111160	54.227	ug/l	96
15) Acrylonitrile	3.068	53	192119	263.027	ug/l	98
16) Acetone	2.385	43	176125	205.355	ug/l	99
17) Carbon Disulfide	2.501	76	127049	49.096	ug/l	100
18) Methyl Acetate	2.702	43	96830	48.481	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	258587	56.768	ug/l	97
20) Methylene Chloride	2.782	84	77032	52.927	ug/l	95
21) trans-1,2-Dichloroethene	3.086	96	71315	55.060	ug/l	99
22) Diisopropyl ether	3.763	45	249718	56.970	ug/l	99
23) Vinyl Acetate	3.720	43	1026851	273.850	ug/l	98
24) 1,1-Dichloroethane	3.605	63	142837	56.486	ug/l	100
25) 2-Butanone	4.562	43	279714	252.757	ug/l	99
26) 2,2-Dichloropropane	4.464	77	113954	49.899	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	89108	55.657	ug/l	99
28) Bromochloromethane	4.897	49	60976	54.782	ug/l	98
29) Tetrahydrofuran	5.007	42	181063	266.878	ug/l	98
30) Chloroform	5.086	83	154062	56.646	ug/l	97
31) Cyclohexane	5.464	56	107961	51.874	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	135964	57.971	ug/l	100
36) 1,1-Dichloropropene	5.684	75	95946	54.176	ug/l	99
37) Ethyl Acetate	4.714	43	107894	49.078	ug/l	98
38) Carbon Tetrachloride	5.671	117	108000	54.272	ug/l	100
39) Methylcyclohexane	7.372	83	115848	50.352	ug/l	98
40) Benzene	6.031	78	302182	54.777	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	60170	53.476	ug/l	97
42) 1,2-Dichloroethane	6.080	62	123960	55.949	ug/l	99
43) Isopropyl Acetate	6.342	43	181947	52.005	ug/l	100
44) Trichloroethene	7.116	130	73903	47.323	ug/l	93
45) 1,2-Dichloropropane	7.427	63	77701	57.508	ug/l	99
46) Dibromomethane	7.580	93	59993	56.131	ug/l	98
47) Bromodichloromethane	7.817	83	107873	56.275	ug/l	100
48) Methyl methacrylate	7.689	41	89173	53.118	ug/l	99
49) 1,4-Dioxane	7.665	88	25863	864.861	ug/l #	80
51) 4-Methyl-2-Pentanone	8.573	43	580077	271.694	ug/l	99
52) Toluene	8.713	92	184227	55.795	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	110281	56.417	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	116090	54.174	ug/l	100
55) 1,1,2-Trichloroethane	9.146	97	73871	54.198	ug/l	98
56) Ethyl methacrylate	9.116	69	118700	55.912	ug/l	100
57) 1,3-Dichloropropane	9.305	76	129321	56.324	ug/l	99
59) 2-Hexanone	9.433	43	424211	264.347	ug/l	100
60) Dibromochloromethane	9.518	129	76638	56.041	ug/l	98
61) 1,2-Dibromoethane	9.610	107	77451	56.198	ug/l	99
64) Tetrachloroethene	9.268	164	58186	51.562	ug/l	94
65) Chlorobenzene	10.079	112	201017	53.480	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.158	131	69409	56.939	ug/l	99
67) Ethyl Benzene	10.189	91	353161	55.449	ug/l	99
68) m/p-Xylenes	10.299	106	263018	110.735	ug/l	100
69) o-Xylene	10.640	106	129366	55.784	ug/l	100
70) Styrene	10.652	104	216231	56.375	ug/l	99
71) Bromoform	10.798	173	44443	48.125	ug/l #	99
73) Isopropylbenzene	10.957	105	332792	54.156	ug/l	100
74) N-amyl acetate	10.841	43	149823	52.630	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	115231	54.764	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	93043m	53.073	ug/l	
77) Bromobenzene	11.195	156	78016	53.221	ug/l	97
78) n-propylbenzene	11.304	91	374036	54.499	ug/l	99
79) 2-Chlorotoluene	11.365	91	232083	53.477	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	275820	54.557	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	29861	46.479	ug/l	90
82) 4-Chlorotoluene	11.451	91	267523	54.601	ug/l	100
83) tert-Butylbenzene	11.713	119	276544	55.188	ug/l	99
84) 1,2,4-Trimethylbenzene	11.749	105	282874	56.200	ug/l	99
85) sec-Butylbenzene	11.890	105	330144	53.773	ug/l	99
86) p-Isopropyltoluene	12.006	119	278422	55.829	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	141347	52.941	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	143136	52.585	ug/l	98
89) n-Butylbenzene	12.329	91	233456	53.095	ug/l	99
90) Hexachloroethane	12.536	117	43982	51.864	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	144265	53.543	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	23157	54.925	ug/l	93
93) 1,2,4-Trichlorobenzene	13.585	180	82015	51.631	ug/l	98
94) Hexachlorobutadiene	13.725	225	29844	47.537	ug/l	97
95) Naphthalene	13.774	128	312161	54.591	ug/l	99
96) 1,2,3-Trichlorobenzene	13.956	180	86747	53.954	ug/l	97

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

