

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122024\
 Data File : VX044460.D
 Acq On : 20 Dec 2024 18:16
 Operator : JC/MD
 Sample : P5280-05MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-11-20241212MSD

Quant Time: Dec 20 22:31:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
 Supervised By :Mahesh Dadoda 12/24/2024

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	133359	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	232484	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	203785	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	96300	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.952	65	102584	43.873	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.740%
35) Dibromofluoromethane	5.385	113	81056	50.340	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.680%
50) Toluene-d8	8.647	98	275839	50.778	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.560%
62) 4-Bromofluorobenzene	11.079	95	95040	50.070	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.140%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.167	85	99521	48.263	ug/l	98
3) Chloromethane	1.295	50	95786	48.575	ug/l	97
4) Vinyl Chloride	1.374	62	99806	48.583	ug/l	98
5) Bromomethane	1.593	94	68567	47.047	ug/l	97
6) Chloroethane	1.666	64	64339	50.296	ug/l	100
7) Trichlorofluoromethane	1.868	101	179558	44.646	ug/l	100
8) Diethyl Ether	2.136	74	60943	44.393	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.313	101	80663	49.565	ug/l	96
10) Methyl Iodide	2.441	142	111836	52.141	ug/l	97
11) Tert butyl alcohol	2.995	59	72679	220.548	ug/l	99
12) 1,1-Dichloroethene	2.307	96	78283	52.370	ug/l	96
13) Acrolein	2.239	56	106999	224.307	ug/l	100
14) Allyl chloride	2.654	41	120973	48.588	ug/l	97
15) Acrylonitrile	3.069	53	216046	236.675	ug/l	99
16) Acetone	2.392	43	199085	208.847	ug/l	95
17) Carbon Disulfide	2.502	76	142782	50.250	ug/l	99
18) Methyl Acetate	2.703	43	108865	44.293	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	269434	46.190	ug/l	100
20) Methylene Chloride	2.782	84	89265	49.856	ug/l	95
21) trans-1,2-Dichloroethene	3.081	96	80821	50.874	ug/l	97
22) Diisopropyl ether	3.757	45	263841	47.060	ug/l	88
23) Vinyl Acetate	3.721	43	1063498	233.319	ug/l	98
24) 1,1-Dichloroethane	3.605	63	155160	49.648	ug/l	99
25) 2-Butanone	4.562	43	309416	228.319	ug/l	99
26) 2,2-Dichloropropane	4.471	77	107932	42.511	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	97758	48.452	ug/l	94
28) Bromochloromethane	4.891	49	68713	44.838	ug/l	93
29) Tetrahydrofuran	5.007	42	198596	228.310	ug/l	99
30) Chloroform	5.093	83	164928	46.971	ug/l	99
31) Cyclohexane	5.458	56	117201	46.441	ug/l	98
32) 1,1,1-Trichloroethane	5.373	97	143151	49.114	ug/l	98
36) 1,1-Dichloropropene	5.684	75	103008	49.491	ug/l	97
37) Ethyl Acetate	4.721	43	117881	45.818	ug/l	98
38) Carbon Tetrachloride	5.672	117	114752	51.210	ug/l	98
39) Methylcyclohexane	7.373	83	127965	51.429	ug/l	97
40) Benzene	6.031	78	325824	51.560	ug/l	99

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41) Methacrylonitrile	4.916	41	64609	47.292	ug/l	96
42) 1,2-Dichloroethane	6.086	62	124599	47.865	ug/l	97
43) Isopropyl Acetate	6.342	43	188067	46.768	ug/l	97
44) Trichloroethene	7.123	130	84269	53.474	ug/l	99
45) 1,2-Dichloropropane	7.428	63	82647	51.191	ug/l	96
46) Dibromomethane	7.580	93	64771	51.712	ug/l	95
47) Bromodichloromethane	7.818	83	114982	53.154	ug/l	99
48) Methyl methacrylate	7.690	41	95279	48.810	ug/l	96
49) 1,4-Dioxane	7.665	88	28626	884.502	ug/l #	83
51) 4-Methyl-2-Pentanone	8.574	43	631168	244.110	ug/l	98
52) Toluene	8.714	92	203380	51.250	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	111591	48.185	ug/l	93
54) cis-1,3-Dichloropropene	8.366	75	121831	51.726	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	83139	52.736	ug/l	95
56) Ethyl methacrylate	9.116	69	128058	51.453	ug/l	96
57) 1,3-Dichloropropane	9.305	76	139744	50.926	ug/l	99
59) 2-Hexanone	9.433	43	469996	251.132	ug/l	98
60) Dibromochloromethane	9.519	129	84281	50.450	ug/l	99
61) 1,2-Dibromoethane	9.604	107	83878	52.269	ug/l	100
64) Tetrachloroethene	9.269	164	70974	52.474	ug/l	98
65) Chlorobenzene	10.080	112	226583	51.889	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	76645	54.614	ug/l	99
67) Ethyl Benzene	10.189	91	382822	50.739	ug/l	99
68) m/p-Xylenes	10.299	106	291650	105.345	ug/l	96
69) o-Xylene	10.640	106	145737	52.027	ug/l	94
70) Styrene	10.653	104	242242	53.945	ug/l	96
71) Bromoform	10.799	173	52257	52.890	ug/l #	99
73) Isopropylbenzene	10.957	105	375275	50.904	ug/l	99
74) N-amyl acetate	10.842	43	157207	46.141	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	126723	49.490	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	100921m	46.937	ug/l	
77) Bromobenzene	11.195	156	94576	52.904	ug/l	92
78) n-propylbenzene	11.299	91	420138	51.562	ug/l	97
79) 2-Chlorotoluene	11.360	91	251546	47.735	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	306213	50.087	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	31361	42.710	ug/l	98
82) 4-Chlorotoluene	11.451	91	288500	49.440	ug/l	98
83) tert-Butylbenzene	11.713	119	310725	51.428	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	307269	51.177	ug/l	98
85) sec-Butylbenzene	11.890	105	373411	50.909	ug/l	99
86) p-Isopropyltoluene	12.006	119	311798	51.074	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	165298	52.934	ug/l	98
88) 1,4-Dichlorobenzene	12.037	146	163113	50.813	ug/l	96
89) n-Butylbenzene	12.329	91	257982	50.255	ug/l	99
90) Hexachloroethane	12.536	117	48209	54.097	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	165001	50.888	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23806	47.893	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	96612	54.349	ug/l	98
94) Hexachlorobutadiene	13.725	225	39330	55.005	ug/l	98
95) Naphthalene	13.774	128	344125	49.595	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	101096	53.619	ug/l	98

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

