

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122024\
 Data File : VX044459.D
 Acq On : 20 Dec 2024 17:53
 Operator : JC/MD
 Sample : P5280-04MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BPOW6-11-20241212MS

Quant Time: Dec 20 22:29:44 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	5.544	168	140154	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	239394	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	209816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	99964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	109601	44.601	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.200%		
35) Dibromofluoromethane	5.385	113	86091	51.924	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.840%		
50) Toluene-d8	8.647	98	295724	52.867	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.740%		
62) 4-Bromofluorobenzene	11.079	95	103131	52.764	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	105.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	102970	47.514	ug/l	97
3) Chloromethane	1.294	50	102475	49.448	ug/l	100
4) Vinyl Chloride	1.374	62	104614	48.455	ug/l	99
5) Bromomethane	1.593	94	67944	44.359	ug/l	97
6) Chloroethane	1.666	64	66525	49.484	ug/l	99
7) Trichlorofluoromethane	1.867	101	183611	43.441	ug/l	98
8) Diethyl Ether	2.136	74	62352	43.218	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.313	101	80805	47.245	ug/l	96
10) Methyl Iodide	2.441	142	118084	52.385	ug/l	96
11) Tert butyl alcohol	2.995	59	77626	224.139	ug/l	98
12) 1,1-Dichloroethene	2.306	96	79685	50.724	ug/l	96
13) Acrolein	2.239	56	110200	219.817	ug/l	100
14) Allyl chloride	2.654	41	124467	47.568	ug/l	97
15) Acrylonitrile	3.068	53	229810	239.548	ug/l	100
16) Acetone	2.392	43	209050	208.669	ug/l	92
17) Carbon Disulfide	2.502	76	140358	47.002	ug/l	100
18) Methyl Acetate	2.709	43	114297	44.248	ug/l	97
19) Methyl tert-butyl Ether	3.117	73	278483	45.426	ug/l	98
20) Methylene Chloride	2.782	84	90385	48.034	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	80686	48.327	ug/l	98
22) Diisopropyl ether	3.764	45	268170	45.513	ug/l	98
23) Vinyl Acetate	3.721	43	1103525	230.363	ug/l	97
24) 1,1-Dichloroethane	3.605	63	157023	47.808	ug/l	99
25) 2-Butanone	4.568	43	328305	230.512	ug/l	99
26) 2,2-Dichloropropane	4.465	77	111782	41.893	ug/l	96
27) cis-1,2-Dichloroethene	4.483	96	102568	48.372	ug/l	93
28) Bromochloromethane	4.891	49	67371	41.831	ug/l	94
29) Tetrahydrofuran	5.007	42	211720	231.597	ug/l	100
30) Chloroform	5.093	83	169547	45.945	ug/l	99
31) Cyclohexane	5.464	56	121904	45.963	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	144864	47.292	ug/l	99
36) 1,1-Dichloropropene	5.684	75	104204	48.620	ug/l	98
37) Ethyl Acetate	4.715	43	124133	46.855	ug/l	99
38) Carbon Tetrachloride	5.666	117	115559	50.082	ug/l	98
39) Methylcyclohexane	7.379	83	127374	49.714	ug/l	96
40) Benzene	6.031	78	341138	52.425	ug/l	98

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41) Methacrylonitrile	4.922	41	67837	48.221	ug/l	97
42) 1,2-Dichloroethane	6.080	62	128577	47.967	ug/l	97
43) Isopropyl Acetate	6.342	43	195208	47.143	ug/l	98
44) Trichloroethene	7.123	130	84661	52.172	ug/l	97
45) 1,2-Dichloropropane	7.427	63	82264	49.483	ug/l	98
46) Dibromomethane	7.580	93	66668	51.691	ug/l	93
47) Bromodichloromethane	7.818	83	117389	52.701	ug/l	100
48) Methyl methacrylate	7.690	41	97013	48.264	ug/l	96
49) 1,4-Dioxane	7.665	88	43484	1304.811	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	661253	248.364	ug/l	98
52) Toluene	8.714	92	205015	50.171	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	114331	47.959	ug/l	93
54) cis-1,3-Dichloropropene	8.366	75	124463	51.318	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	85724	52.806	ug/l	97
56) Ethyl methacrylate	9.116	69	130793	51.035	ug/l	97
57) 1,3-Dichloropropane	9.305	76	141420	50.049	ug/l	99
59) 2-Hexanone	9.433	43	489910	254.216	ug/l	97
60) Dibromochloromethane	9.519	129	85758	49.891	ug/l	100
61) 1,2-Dibromoethane	9.610	107	87592	53.008	ug/l	98
64) Tetrachloroethene	9.269	164	72254	51.885	ug/l	97
65) Chlorobenzene	10.079	112	231119	51.407	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	78298	54.188	ug/l	99
67) Ethyl Benzene	10.189	91	392328	50.505	ug/l	99
68) m/p-Xylenes	10.299	106	295911	103.812	ug/l	97
69) o-Xylene	10.640	106	147950	51.299	ug/l	95
70) Styrene	10.653	104	249544	53.973	ug/l	96
71) Bromoform	10.799	173	52603	51.849	ug/l #	98
73) Isopropylbenzene	10.963	105	380621	49.737	ug/l	100
74) N-amyl acetate	10.841	43	163625	46.265	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	130012	48.913	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	107340m	48.092	ug/l	
77) Bromobenzene	11.195	156	95960	51.710	ug/l	95
78) n-propylbenzene	11.305	91	422079	49.902	ug/l	97
79) 2-Chlorotoluene	11.360	91	260371	47.599	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	315062	49.645	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	32893	43.097	ug/l	99
82) 4-Chlorotoluene	11.451	91	294812	48.670	ug/l	98
83) tert-Butylbenzene	11.713	119	316834	50.517	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	313266	50.263	ug/l	98
85) sec-Butylbenzene	11.890	105	377290	49.553	ug/l	98
86) p-Isopropyltoluene	12.006	119	317518	50.104	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	169405	52.261	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	164700	49.427	ug/l	98
89) n-Butylbenzene	12.329	91	261438	49.062	ug/l	98
90) Hexachloroethane	12.536	117	47229	51.055	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	169740	50.431	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	24287	47.070	ug/l	86
93) 1,2,4-Trichlorobenzene	13.585	180	95950	51.998	ug/l	99
94) Hexachlorobutadiene	13.719	225	39183	52.791	ug/l	97
95) Naphthalene	13.774	128	347043	48.182	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	103034	52.644	ug/l	98

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

