

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX020525\
 Data File : VX044853.D
 Acq On : 05 Feb 2025 18:55
 Operator : JC/MD
 Sample : Q1250-08MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-192-GW-360-362MSD

Quant Time: Feb 06 04:43:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011525W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 16 01:16:09 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/06/2025
 Supervised By :Semsettin Yesilyurt 02/06/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	114575	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	216314	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	188159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	82517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86119	49.796	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.600%		
35) Dibromofluoromethane	5.379	113	71104	51.742	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.480%		
50) Toluene-d8	8.647	98	267069	55.737	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	111.480%		
62) 4-Bromofluorobenzene	11.079	95	90631	50.738	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	101.480%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	74069	48.041	ug/l	95
3) Chloromethane	1.301	50	85511	51.288	ug/l	100
4) Vinyl Chloride	1.374	62	86080	52.254	ug/l	97
5) Bromomethane	1.593	94	25723	65.395	ug/l	100
6) Chloroethane	1.666	64	35185	116.472	ug/l	98
7) Trichlorofluoromethane	1.868	101	116354	63.907	ug/l	98
8) Diethyl Ether	2.130	74	41980	57.135	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.319	101	71940	52.564	ug/l	98
10) Methyl Iodide	2.441	142	93655	50.121	ug/l	99
11) Tert butyl alcohol	2.983	59	77574	201.206	ug/l #	86
12) 1,1-Dichloroethene	2.307	96	71794	53.516	ug/l	97
13) Acrolein	2.233	56	51406	283.335	ug/l	98
14) Allyl chloride	2.654	41	129111	49.429	ug/l	97
15) Acrylonitrile	3.062	53	220996	292.248	ug/l	99
16) Acetone	2.386	43	180056	263.151	ug/l	96
17) Carbon Disulfide	2.502	76	181440	49.565	ug/l	100
18) Methyl Acetate	2.703	43	122345	57.957	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	247148	50.862	ug/l	98
20) Methylene Chloride	2.782	84	81699	51.273	ug/l	96
21) trans-1,2-Dichloroethene	3.081	96	71338	50.932	ug/l	97
22) Diisopropyl ether	3.757	45	265477	58.469	ug/l	96
23) Vinyl Acetate	3.715	43	998072	251.143	ug/l	99
24) 1,1-Dichloroethane	3.605	63	143849	53.425	ug/l	99
25) 2-Butanone	4.556	43	296934	291.877	ug/l	97
26) 2,2-Dichloropropane	4.465	77	98742	37.839	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	89193	50.626	ug/l	97
28) Bromochloromethane	4.891	49	69699	55.396	ug/l	92
29) Tetrahydrofuran	5.001	42	192986	294.094	ug/l	96
30) Chloroform	5.086	83	141268	51.988	ug/l	100
31) Cyclohexane	5.464	56	124900	57.354	ug/l	92
32) 1,1,1-Trichloroethane	5.379	97	118327	47.368	ug/l	98
36) 1,1-Dichloropropene	5.684	75	95278	49.807	ug/l	99
37) Ethyl Acetate	4.708	43	107635	52.836	ug/l	97
38) Carbon Tetrachloride	5.672	117	98380	45.722	ug/l	99
39) Methylcyclohexane	7.373	83	122708	48.321	ug/l	97
40) Benzene	6.031	78	314655	53.082	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	62672	52.796	ug/l	98
42) 1,2-Dichloroethane	6.080	62	102835	47.532	ug/l	99
43) Isopropyl Acetate	6.336	43	187658	50.075	ug/l	98
44) Trichloroethene	7.117	130	70199	49.261	ug/l	99
45) 1,2-Dichloropropane	7.428	63	79524	53.297	ug/l	97
46) Dibromomethane	7.574	93	54681	48.140	ug/l	99
47) Bromodichloromethane	7.818	83	109178	46.869	ug/l	96
48) Methyl methacrylate	7.690	41	90693	52.136	ug/l	99
49) 1,4-Dioxane	7.659	88	34090	939.300	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	603457	291.386	ug/l	98
52) Toluene	8.714	92	193161	53.240	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	109879	45.656	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	122191	46.824	ug/l	97
55) 1,1,2-Trichloroethane	9.147	97	75817	51.650	ug/l	98
56) Ethyl methacrylate	9.116	69	126222	50.010	ug/l	98
57) 1,3-Dichloropropane	9.305	76	130339	52.142	ug/l	100
59) 2-Hexanone	9.427	43	434295	285.039	ug/l	99
60) Dibromochloromethane	9.519	129	81283	47.179	ug/l	99
61) 1,2-Dibromoethane	9.604	107	76435	49.687	ug/l	100
64) Tetrachloroethene	9.269	164	56352	47.695	ug/l	99
65) Chlorobenzene	10.073	112	205745	51.480	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	67294	46.331	ug/l	99
67) Ethyl Benzene	10.189	91	360611	51.712	ug/l	99
68) m/p-Xylenes	10.299	106	268272	103.669	ug/l	99
69) o-Xylene	10.640	106	132320	50.561	ug/l	100
70) Styrene	10.653	104	223221	52.830	ug/l	97
71) Bromoform	10.799	173	52414	44.338	ug/l #	100
73) Isopropylbenzene	10.957	105	337905	50.126	ug/l	99
74) N-amyl acetate	10.842	43	155156	46.696	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	117870	50.627	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	95724m	47.801	ug/l	
77) Bromobenzene	11.195	156	77087	48.925	ug/l	96
78) n-propylbenzene	11.299	91	388565	52.267	ug/l	99
79) 2-Chlorotoluene	11.360	91	236104	49.165	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	273105	49.767	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	35665	40.728	ug/l	97
82) 4-Chlorotoluene	11.451	91	260698	49.556	ug/l	98
83) tert-Butylbenzene	11.713	119	274792	47.890	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	273545	49.053	ug/l	100
85) sec-Butylbenzene	11.890	105	336770	50.407	ug/l	99
86) p-Isopropyltoluene	12.006	119	271108	49.378	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	139204	50.944	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	137018	49.603	ug/l	98
89) n-Butylbenzene	12.329	91	236934	50.243	ug/l	98
90) Hexachloroethane	12.536	117	50540	40.650	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	139121	49.576	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	22715	39.894	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	81302	48.465	ug/l	100
94) Hexachlorobutadiene	13.725	225	26087	39.588	ug/l	98
95) Naphthalene	13.774	128	315984	48.837	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	83719	48.145	ug/l	99

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

