

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021425\
 Data File : VX044972.D
 Acq On : 14 Feb 2025 19:20
 Operator : JC/MD
 Sample : Q1363-05MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-33D-021225MS

Quant Time: Feb 14 22:19:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/18/2025
 Supervised By : Mahesh Dadoda 02/19/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	97424	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	182191	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	167355	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	80350	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	78282	54.892	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.780%			
35) Dibromofluoromethane	5.379	113	60760	51.294	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.580%			
50) Toluene-d8	8.647	98	226090	50.475	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.960%			
62) 4-Bromofluorobenzene	11.079	95	84062	55.668	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 111.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	75370	55.159	ug/l	98
3) Chloromethane	1.307	50	80520	48.417	ug/l	96
4) Vinyl Chloride	1.374	62	75466	46.840	ug/l	99
5) Bromomethane	1.599	94	32163	66.712	ug/l	98
6) Chloroethane	1.678	64	44294	81.681	ug/l	99
7) Trichlorofluoromethane	1.880	101	104087	51.086	ug/l	97
8) Diethyl Ether	2.130	74	37925	51.325	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	64606	52.482	ug/l	99
10) Methyl Iodide	2.447	142	81043	50.797	ug/l	97
11) Tert butyl alcohol	2.959	59	73804	278.961	ug/l	100
12) 1,1-Dichloroethene	2.312	96	59978	47.764	ug/l	93
13) Acrolein	2.233	56	76077	278.704	ug/l	99
14) Allyl chloride	2.660	41	112339	49.501	ug/l	97
15) Acrylonitrile	3.062	53	193989	274.621	ug/l	99
16) Acetone	2.373	43	168441	293.805	ug/l	95
17) Carbon Disulfide	2.508	76	151908	44.116	ug/l	99
18) Methyl Acetate	2.703	43	96089	53.113	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	201111	50.337	ug/l	99
20) Methylene Chloride	2.782	84	68674	48.904	ug/l	96
21) trans-1,2-Dichloroethene	3.087	96	61325	49.620	ug/l	95
22) Diisopropyl ether	3.757	45	224076	52.190	ug/l	96
23) Vinyl Acetate	3.715	43	872986	249.407	ug/l	99
24) 1,1-Dichloroethane	3.605	63	120881	50.318	ug/l	99
25) 2-Butanone	4.550	43	266989	286.792	ug/l	96
26) 2,2-Dichloropropane	4.471	77	81427	42.741	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	75247	50.688	ug/l	99
28) Bromochloromethane	4.891	49	62951	54.526	ug/l	99
29) Tetrahydrofuran	4.995	42	174505	282.292	ug/l	98
30) Chloroform	5.086	83	119451	51.272	ug/l	98
31) Cyclohexane	5.464	56	104588	47.224	ug/l	97
32) 1,1,1-Trichloroethane	5.379	97	100127	50.668	ug/l	99
36) 1,1-Dichloropropene	5.684	75	81429	47.648	ug/l	100
37) Ethyl Acetate	4.708	43	94446	49.686	ug/l	100
38) Carbon Tetrachloride	5.672	117	82844	49.468	ug/l	99
39) Methylcyclohexane	7.379	83	104430	47.265	ug/l	97
40) Benzene	6.031	78	257225	48.202	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	54927	53.984	ug/l	99
42) 1,2-Dichloroethane	6.080	62	89488	52.616	ug/l	98
43) Isopropyl Acetate	6.336	43	154203	50.235	ug/l	99
44) Trichloroethene	7.123	130	68001	55.749	ug/l	99
45) 1,2-Dichloropropane	7.427	63	64941	48.915	ug/l	98
46) Dibromomethane	7.574	93	46729	50.753	ug/l	99
47) Bromodichloromethane	7.818	83	92213	51.725	ug/l	98
48) Methyl methacrylate	7.690	41	78211	54.037	ug/l	97
49) 1,4-Dioxane	7.659	88	36730	1182.817	ug/l	97
51) 4-Methyl-2-Pentanone	8.567	43	530321	284.179	ug/l	97
52) Toluene	8.714	92	156652	49.291	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	85404	47.340	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	97495	48.470	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	62978	51.549	ug/l	99
56) Ethyl methacrylate	9.116	69	101104	51.239	ug/l	97
57) 1,3-Dichloropropane	9.305	76	107154	50.128	ug/l	99
59) 2-Hexanone	9.427	43	391620	291.258	ug/l	97
60) Dibromochloromethane	9.518	129	67902	51.969	ug/l	99
61) 1,2-Dibromoethane	9.604	107	62076	50.131	ug/l	99
64) Tetrachloroethene	9.269	164	50473	47.823	ug/l	99
65) Chlorobenzene	10.073	112	168410	46.852	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	54007	46.680	ug/l	99
67) Ethyl Benzene	10.189	91	299209	47.170	ug/l	98
68) m/p-Xylenes	10.299	106	220184	94.099	ug/l	99
69) o-Xylene	10.640	106	110095	46.891	ug/l	98
70) Styrene	10.652	104	187077	49.456	ug/l	99
71) Bromoform	10.799	173	43104	49.921	ug/l #	98
73) Isopropylbenzene	10.957	105	285604	44.145	ug/l	99
74) N-amyl acetate	10.841	43	134612	45.980	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.207	83	100110	45.030	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	82750m	46.450	ug/l	
77) Bromobenzene	11.195	156	66247	45.165	ug/l	96
78) n-propylbenzene	11.299	91	335698	44.954	ug/l	99
79) 2-Chlorotoluene	11.360	91	201102	43.818	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	233774	44.527	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	27634	39.902	ug/l	92
82) 4-Chlorotoluene	11.451	91	225029	44.319	ug/l	99
83) tert-Butylbenzene	11.713	119	237506	44.718	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	238569	46.039	ug/l	99
85) sec-Butylbenzene	11.890	105	298634	45.407	ug/l	100
86) p-Isopropyltoluene	12.006	119	244755	46.276	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	122530	45.426	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	122654	44.974	ug/l	100
89) n-Butylbenzene	12.329	91	227577	48.636	ug/l	99
90) Hexachloroethane	12.536	117	42742	43.159	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	120780	45.561	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	19324	47.625	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	75259	46.916	ug/l	98
94) Hexachlorobutadiene	13.725	225	29179	45.821	ug/l	99
95) Naphthalene	13.774	128	269046	46.398	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	72716	44.987	ug/l	99

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

