

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031025\
 Data File : VX045207.D
 Acq On : 10 Mar 2025 19:31
 Operator : JC/MD
 Sample : Q1531-08MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20250306MS

Quant Time: Mar 11 04:02:39 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/11/2025
 Supervised By : Mahesh Dadoda 03/11/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	91477	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	166083	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	146339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65455	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	71550	49.173	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.340%		
35) Dibromofluoromethane	5.379	113	55128	49.640	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.280%		
50) Toluene-d8	8.647	98	193115	47.965	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.940%		
62) 4-Bromofluorobenzene	11.079	95	68058	51.013	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	57163	49.643	ug/l	95
3) Chloromethane	1.307	50	67248	47.722	ug/l	96
4) Vinyl Chloride	1.374	62	64359	46.039	ug/l	99
5) Bromomethane	1.593	94	26299	47.857	ug/l	98
6) Chloroethane	1.666	64	31899	49.471	ug/l	94
7) Trichlorofluoromethane	1.873	101	93601	50.579	ug/l	97
8) Diethyl Ether	2.136	74	33235	45.915	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	65080	61.212	ug/l	99
10) Methyl Iodide	2.440	142	70284	52.898	ug/l	97
11) Tert butyl alcohol	2.983	59	54056	196.129	ug/l	98
12) 1,1-Dichloroethene	2.306	96	57033	50.738	ug/l	96
13) Acrolein	2.233	56	70003	219.719	ug/l	98
14) Allyl chloride	2.654	41	100479	50.218	ug/l	97
15) Acrylonitrile	3.062	53	185460	251.070	ug/l	99
16) Acetone	2.386	43	161823	239.699	ug/l	100
17) Carbon Disulfide	2.501	76	132930	44.401	ug/l	100
18) Methyl Acetate	2.703	43	81400	50.120	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	186113	49.351	ug/l	99
20) Methylene Chloride	2.782	84	65271	48.808	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	55052	49.574	ug/l	98
22) Diisopropyl ether	3.757	45	205731	50.557	ug/l	89
23) Vinyl Acetate	3.721	43	804696	236.964	ug/l	100
24) 1,1-Dichloroethane	3.605	63	114497	50.205	ug/l	100
25) 2-Butanone	4.556	43	257611	253.502	ug/l	97
26) 2,2-Dichloropropane	4.464	77	61576	57.564	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	70330	51.304	ug/l	96
28) Bromochloromethane	4.891	49	54237	49.895	ug/l	98
29) Tetrahydrofuran	5.007	42	166413	243.852	ug/l	100
30) Chloroform	5.086	83	114615	50.580	ug/l	96
31) Cyclohexane	5.464	56	100340	50.685	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	93430	51.050	ug/l	98
36) 1,1-Dichloropropene	5.690	75	75034	49.267	ug/l	99
37) Ethyl Acetate	4.714	43	90459	46.094	ug/l	99
38) Carbon Tetrachloride	5.672	117	76796	49.667	ug/l	97
39) Methylcyclohexane	7.379	83	95185	52.158	ug/l	98
40) Benzene	6.031	78	240001	49.903	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	54888	51.725	ug/l	98
42) 1,2-Dichloroethane	6.080	62	86915	50.186	ug/l	99
43) Isopropyl Acetate	6.336	43	142359	49.056	ug/l	99
44) Trichloroethene	7.123	130	631047	558.808	ug/l	99
45) 1,2-Dichloropropane	7.427	63	60597	49.006	ug/l	96
46) Dibromomethane	7.574	93	44030	50.378	ug/l	97
47) Bromodichloromethane	7.818	83	86336	50.362	ug/l	100
48) Methyl methacrylate	7.689	41	74311	51.042	ug/l	98
49) 1,4-Dioxane	7.659	88	29967	975.788	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	504722	259.029	ug/l	100
52) Toluene	8.714	92	143688	50.922	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	74965	52.307	ug/l	97
54) cis-1,3-Dichloropropene	8.360	75	85092	50.916	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	59170	50.937	ug/l	96
56) Ethyl methacrylate	9.116	69	92353	52.302	ug/l	96
57) 1,3-Dichloropropane	9.305	76	101185	50.333	ug/l	100
59) 2-Hexanone	9.427	43	368815	261.241	ug/l	100
60) Dibromochloromethane	9.518	129	62634	51.568	ug/l	100
61) 1,2-Dibromoethane	9.604	107	58408	50.367	ug/l	99
64) Tetrachloroethene	9.268	164	52957	56.503	ug/l	98
65) Chlorobenzene	10.079	112	156009	50.382	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	50771	49.235	ug/l	98
67) Ethyl Benzene	10.189	91	276771	51.297	ug/l	100
68) m/p-Xylenes	10.299	106	203777	103.171	ug/l	97
69) o-Xylene	10.640	106	100933	50.668	ug/l	99
70) Styrene	10.652	104	169388	52.551	ug/l	99
71) Bromoform	10.799	173	39241	50.463	ug/l #	98
73) Isopropylbenzene	10.957	105	265046	51.879	ug/l	98
74) N-amyl acetate	10.841	43	113010	47.141	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	90195	48.109	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	74061m	48.613	ug/l	
77) Bromobenzene	11.195	156	59402	49.279	ug/l	97
78) n-propylbenzene	11.299	91	307363	53.258	ug/l	98
79) 2-Chlorotoluene	11.360	91	186246	50.672	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	216264	52.352	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	21764	48.889	ug/l	93
82) 4-Chlorotoluene	11.451	91	208248	51.987	ug/l	99
83) tert-Butylbenzene	11.713	119	216179	50.932	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	216637	52.119	ug/l	100
85) sec-Butylbenzene	11.890	105	271401	53.380	ug/l	100
86) p-Isopropyltoluene	12.006	119	217764	52.999	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	107800	50.130	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	107372	49.354	ug/l	99
89) n-Butylbenzene	12.329	91	193577	54.700	ug/l	99
90) Hexachloroethane	12.536	117	37723	50.758	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	107669	49.913	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	18244	49.950	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	62709	51.054	ug/l	98
94) Hexachlorobutadiene	13.725	225	25703	51.041	ug/l	99
95) Naphthalene	13.774	128	234224	49.632	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	65334	50.420	ug/l	99

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

