

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053025\
 Data File : VX046429.D
 Acq On : 30 May 2025 18:09
 Operator : JC/MD
 Sample : Q2162-05MS
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-VPB-182-GW-600-602MS

Quant Time: May 30 23:33:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/02/2025
 Supervised By : Mahesh Dadoda 06/02/2025

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	79536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	143606	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	126117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	62040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	76037	51.279	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.560%			
35) Dibromofluoromethane	5.379	113	52269	50.545	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.080%			
50) Toluene-d8	8.647	98	171593	47.942	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 95.880%			
62) 4-Bromofluorobenzene	11.079	95	69430	50.571	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 101.140%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	62420	51.275	ug/l	97
3) Chloromethane	1.306	50	62848	53.237	ug/l	99
4) Vinyl Chloride	1.373	62	56763	51.664	ug/l	99
5) Bromomethane	1.593	94	25803	50.634	ug/l	98
6) Chloroethane	1.666	64	31490	53.688	ug/l	98
7) Trichlorofluoromethane	1.873	101	86347	53.176	ug/l	98
8) Diethyl Ether	2.136	74	29725	53.775	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.318	101	54675	54.410	ug/l	98
10) Methyl Iodide	2.440	142	67016	56.362	ug/l	100
11) Tert butyl alcohol	2.983	59	62436	299.970	ug/l	99
12) 1,1-Dichloroethene	2.306	96	50583	53.635	ug/l	97
13) Acrolein	2.233	56	62233	262.542	ug/l	98
14) Allyl chloride	2.654	41	104310	57.872	ug/l	95
15) Acrylonitrile	3.062	53	185721	312.049	ug/l	98
16) Acetone	2.385	43	185426	311.884	ug/l	100
17) Carbon Disulfide	2.501	76	108665	48.600	ug/l	100
18) Methyl Acetate	2.703	43	101553	73.609	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	189124	57.199	ug/l	97
20) Methylene Chloride	2.782	84	60300	52.926	ug/l	95
21) trans-1,2-Dichloroethene	3.080	96	51195	53.979	ug/l	98
22) Diisopropyl ether	3.763	45	200122	57.479	ug/l	92
23) Vinyl Acetate	3.721	43	828691	270.616	ug/l	100
24) 1,1-Dichloroethane	3.605	63	110986	57.233	ug/l	99
25) 2-Butanone	4.556	43	271844	314.948	ug/l	98
26) 2,2-Dichloropropane	4.470	77	71863	47.346	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	63831	55.906	ug/l	98
28) Bromochloromethane	4.897	49	50288	53.874	ug/l	96
29) Tetrahydrofuran	5.007	42	166798	308.392	ug/l	99
30) Chloroform	5.086	83	115922	57.351	ug/l	97
31) Cyclohexane	5.464	56	93568	52.949	ug/l	96
32) 1,1,1-Trichloroethane	5.379	97	97601	55.704	ug/l	99
36) 1,1-Dichloropropene	5.684	75	72369	52.085	ug/l	98
37) Ethyl Acetate	4.720	43	94527	55.065	ug/l	99
38) Carbon Tetrachloride	5.665	117	81657	52.306	ug/l	99
39) Methylcyclohexane	7.372	83	90720	50.716	ug/l	99
40) Benzene	6.031	78	220887	54.275	ug/l	100

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41) Methacrylonitrile	4.916	41	58282	64.902	ug/l	98
42) 1,2-Dichloroethane	6.080	62	97143	55.305	ug/l	99
43) Isopropyl Acetate	6.342	43	150267	57.379	ug/l	98
44) Trichloroethene	7.122	130	52156	53.246	ug/l	94
45) 1,2-Dichloropropane	7.427	63	56924	56.250	ug/l	97
46) Dibromomethane	7.574	93	43777	54.848	ug/l	99
47) Bromodichloromethane	7.817	83	88865	56.529	ug/l	98
48) Methyl methacrylate	7.689	41	80328	60.060	ug/l	98
49) 1,4-Dioxane	7.659	88	28386	1117.783	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	542643	312.159	ug/l	98
52) Toluene	8.714	92	135485	54.291	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	75460	54.004	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	83609	54.138	ug/l	97
55) 1,1,2-Trichloroethane	9.146	97	55494	56.396	ug/l	96
56) Ethyl methacrylate	9.116	69	93893	59.870	ug/l	99
57) 1,3-Dichloropropane	9.305	76	97423	55.129	ug/l	100
59) 2-Hexanone	9.427	43	406005	315.688	ug/l	100
60) Dibromochloromethane	9.518	129	61911	57.290	ug/l	99
61) 1,2-Dibromoethane	9.610	107	56744	55.483	ug/l	99
64) Tetrachloroethene	9.268	164	48563	54.423	ug/l	95
65) Chlorobenzene	10.079	112	146711	53.149	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	51037	54.146	ug/l	99
67) Ethyl Benzene	10.189	91	267155	54.904	ug/l	99
68) m/p-Xylenes	10.299	106	192988	108.442	ug/l	98
69) o-Xylene	10.640	106	97673	56.296	ug/l	100
70) Styrene	10.652	104	161812	56.934	ug/l	99
71) Bromoform	10.799	173	40231	56.849	ug/l #	100
73) Isopropylbenzene	10.957	105	257943	53.404	ug/l	99
74) N-amyl acetate	10.841	43	130202	54.553	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	88612	52.353	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	79103m	52.971	ug/l	
77) Bromobenzene	11.195	156	58001	51.725	ug/l	99
78) n-propylbenzene	11.305	91	298445	53.142	ug/l	100
79) 2-Chlorotoluene	11.359	91	187233	51.688	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	217152	53.815	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	23761	51.802	ug/l	98
82) 4-Chlorotoluene	11.451	91	212802	52.974	ug/l	98
83) tert-Butylbenzene	11.713	119	213853	52.615	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	219791	53.787	ug/l	100
85) sec-Butylbenzene	11.890	105	270845	54.272	ug/l	99
86) p-Isopropyltoluene	12.006	119	221004	53.650	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	106292	51.938	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	105861	50.651	ug/l	99
89) n-Butylbenzene	12.329	91	194522	53.834	ug/l	99
90) Hexachloroethane	12.536	117	38274	52.739	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	108652	52.907	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21435	57.165	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	60157	51.001	ug/l	100
94) Hexachlorobutadiene	13.725	225	25337	49.184	ug/l	96
95) Naphthalene	13.774	128	226842	52.436	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	62860	51.649	ug/l	100

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

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