

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062025\
 Data File : VX046791.D
 Acq On : 20 Jun 2025 18:21
 Operator : JC/MD
 Sample : VX0620WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0620WBS02

Quant Time: Jun 21 00:11:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/23/2025
 Supervised By : Mahesh Dadoda 06/23/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	125872	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	211262	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192683	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	99647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	83541	47.984	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.960%		
35) Dibromofluoromethane	5.397	113	68962	49.337	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.680%		
50) Toluene-d8	8.647	98	253285	50.436	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.880%		
62) 4-Bromofluorobenzene	11.079	95	97689	52.185	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	104.360%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.179	85	25134	18.703	ug/l	98
3) Chloromethane	1.307	50	26254	18.100	ug/l	97
4) Vinyl Chloride	1.386	62	28947	18.714	ug/l	95
5) Bromomethane	1.630	94	18237	20.956	ug/l	97
6) Chloroethane	1.709	64	18113	19.321	ug/l	98
7) Trichlorofluoromethane	1.904	101	43594	18.561	ug/l	97
8) Diethyl Ether	2.148	74	14578	18.086	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	27048	18.772	ug/l	98
10) Methyl Iodide	2.471	142	27566	18.293	ug/l	98
11) Tert butyl alcohol	2.959	59	9360	59.898	ug/l	96
12) 1,1-Dichloroethene	2.337	96	26008	18.707	ug/l	95
13) Acrolein	2.252	56	17670	77.631	ug/l	98
14) Allyl chloride	2.678	41	45965	18.247	ug/l	99
15) Acrylonitrile	3.075	53	58638	83.450	ug/l	100
16) Acetone	2.386	43	42041	72.410	ug/l	98
17) Carbon Disulfide	2.532	76	69973	16.666	ug/l	99
18) Methyl Acetate	2.715	43	25054	16.990	ug/l	98
19) Methyl tert-butyl Ether	3.123	73	72815	16.820	ug/l	100
20) Methylene Chloride	2.806	84	29325	18.162	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	27973	18.803	ug/l	97
22) Diisopropyl ether	3.770	45	92392	19.082	ug/l	97
23) Vinyl Acetate	3.733	43	337411	87.633	ug/l	100
24) 1,1-Dichloroethane	3.623	63	51011	18.556	ug/l	97
25) 2-Butanone	4.562	43	65315m	79.543	ug/l	
26) 2,2-Dichloropropane	4.489	77	35818	17.864	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	32382	18.528	ug/l	98
28) Bromochloromethane	4.916	49	24682	19.804	ug/l	99
29) Tetrahydrofuran	5.013	42	41205	77.690	ug/l	100
30) Chloroform	5.105	83	52417	19.066	ug/l	95
31) Cyclohexane	5.483	56	48478	18.595	ug/l	92
32) 1,1,1-Trichloroethane	5.397	97	43436	18.015	ug/l	99
36) 1,1-Dichloropropene	5.708	75	37028	18.351	ug/l	99
37) Ethyl Acetate	4.727	43	29447m	15.811	ug/l	
38) Carbon Tetrachloride	5.690	117	39129	17.869	ug/l	99
39) Methylcyclohexane	7.385	83	47781	17.995	ug/l	96
40) Benzene	6.050	78	111530	18.677	ug/l	100

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41) Methacrylonitrile	4.934	41	16980	17.101	ug/l	95
42) 1,2-Dichloroethane	6.098	62	38285	18.245	ug/l	98
43) Isopropyl Acetate	6.348	43	47155	16.180	ug/l	99
44) Trichloroethene	7.135	130	28427	18.680	ug/l	97
45) 1,2-Dichloropropane	7.434	63	27999	18.919	ug/l #	89
46) Dibromomethane	7.586	93	19631	18.457	ug/l	99
47) Bromodichloromethane	7.824	83	40240	18.540	ug/l	100
48) Methyl methacrylate	7.696	41	24063	16.463	ug/l	98
49) 1,4-Dioxane	7.665	88	5390	274.541	ug/l	90
51) 4-Methyl-2-Pentanone	8.574	43	143178	82.370	ug/l	98
52) Toluene	8.720	92	70726	19.105	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	35410	17.583	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	41087	17.972	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	26298	19.063	ug/l	97
56) Ethyl methacrylate	9.116	69	33326	16.364	ug/l	98
57) 1,3-Dichloropropane	9.311	76	44671	18.803	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	98836	93.429	ug/l	100
59) 2-Hexanone	9.427	43	95350	79.346	ug/l	99
60) Dibromochloromethane	9.518	129	29725	18.284	ug/l	99
61) 1,2-Dibromoethane	9.610	107	25632	18.266	ug/l	98
64) Tetrachloroethene	9.275	164	24397	18.276	ug/l	93
65) Chlorobenzene	10.079	112	78724	18.509	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	25577	17.892	ug/l	99
67) Ethyl Benzene	10.195	91	135413	18.221	ug/l	100
68) m/p-Xylenes	10.299	106	102623	37.059	ug/l	98
69) o-Xylene	10.640	106	49701	19.151	ug/l	97
70) Styrene	10.652	104	81729	17.996	ug/l	100
71) Bromoform	10.799	173	18569	17.057	ug/l #	100
73) Isopropylbenzene	10.957	105	130703	17.809	ug/l	100
74) N-amyl acetate	10.841	43	42368	15.237	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	35206	17.180	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	27658m	15.155	ug/l	
77) Bromobenzene	11.195	156	32116	18.185	ug/l	100
78) n-propylbenzene	11.305	91	156487	17.952	ug/l	100
79) 2-Chlorotoluene	11.360	91	93152	17.898	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	108930	18.062	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	9075	14.055	ug/l	96
82) 4-Chlorotoluene	11.451	91	108212	17.816	ug/l	99
83) tert-Butylbenzene	11.713	119	109711	17.599	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	110209	18.189	ug/l	99
85) sec-Butylbenzene	11.890	105	144974	18.401	ug/l	100
86) p-Isopropyltoluene	12.006	119	119031	17.906	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	61084	17.739	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	61330	17.340	ug/l	98
89) n-Butylbenzene	12.329	91	111939	17.735	ug/l	99
90) Hexachloroethane	12.536	117	19112	16.418	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	57565	17.889	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	5931	14.660	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	39069	17.077	ug/l	99
94) Hexachlorobutadiene	13.719	225	16027	16.654	ug/l	99
95) Naphthalene	13.774	128	104178	15.984	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	37250	17.020	ug/l	99

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

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