

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080425\
 Data File : VX047219.D
 Acq On : 04 Aug 2025 11:04
 Operator : JC/MD
 Sample : VX0804WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0804WBS01

Quant Time: Aug 05 02:55:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:59:51 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/05/2025
 Supervised By : Mahesh Dadoda 08/05/2025

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	265860	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	439807	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	393052	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	198417	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	187532	56.626	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.260%			
35) Dibromofluoromethane	5.391	113	162762	59.938	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 119.880%			
50) Toluene-d8	8.647	98	486309	55.299	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 110.600%			
62) 4-Bromofluorobenzene	11.079	95	222710	58.766	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 117.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	66701	18.888	ug/l	96
3) Chloromethane	1.313	50	58320	16.696	ug/l	97
4) Vinyl Chloride	1.392	62	72174	19.221	ug/l	93
5) Bromomethane	1.630	94	36761	18.023	ug/l	98
6) Chloroethane	1.709	64	43637	17.694	ug/l	98
7) Trichlorofluoromethane	1.910	101	110313	19.702	ug/l	97
8) Diethyl Ether	2.148	74	37235	18.861	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	67060	19.880	ug/l	99
10) Methyl Iodide	2.471	142	86911	25.280	ug/l	95
11) Tert butyl alcohol	2.947	59	31092	73.030	ug/l #	85
12) 1,1-Dichloroethene	2.337	96	63398	18.975	ug/l	99
13) Acrolein	2.245	56	49518	69.442	ug/l	96
14) Allyl chloride	2.678	41	107116	17.736	ug/l	94
15) Acrylonitrile	3.075	53	147088	93.125	ug/l	99
16) Acetone	2.386	43	127202	95.878	ug/l	100
17) Carbon Disulfide	2.526	76	161617	16.721	ug/l	99
18) Methyl Acetate	2.709	43	80876	22.939	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	198898	19.561	ug/l	98
20) Methylene Chloride	2.806	84	70256	19.249	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	65595	19.186	ug/l	98
22) Diisopropyl ether	3.763	45	237282	20.435	ug/l	96
23) Vinyl Acetate	3.727	43	872200	93.652	ug/l	98
24) 1,1-Dichloroethane	3.617	63	127160	19.694	ug/l	98
25) 2-Butanone	4.562	43	174219	90.185	ug/l	98
26) 2,2-Dichloropropane	4.483	77	99310	19.869	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	81221	20.061	ug/l	98
28) Bromochloromethane	4.910	49	64923	21.855	ug/l	99
29) Tetrahydrofuran	5.019	42	104842	84.114	ug/l	97
30) Chloroform	5.099	83	132079	20.095	ug/l	97
31) Cyclohexane	5.477	56	115340	18.630	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	114221	20.008	ug/l	100
36) 1,1-Dichloropropene	5.702	75	88476	19.114	ug/l	98
37) Ethyl Acetate	4.721	43	74953	17.573	ug/l	98
38) Carbon Tetrachloride	5.684	117	98957	20.030	ug/l	95
39) Methylcyclohexane	7.385	83	107404	18.584	ug/l	100
40) Benzene	6.044	78	267500	19.969	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	41432	18.578	ug/l #	92
42) 1,2-Dichloroethane	6.092	62	97872	20.741	ug/l	98
43) Isopropyl Acetate	6.342	43	126600	19.039	ug/l	100
44) Trichloroethene	7.129	130	65855	19.171	ug/l	99
45) 1,2-Dichloropropane	7.434	63	68146	20.311	ug/l	96
46) Dibromomethane	7.586	93	49061	20.852	ug/l	98
47) Bromodichloromethane	7.824	83	104509	20.869	ug/l	99
48) Methyl methacrylate	7.696	41	64766	17.879	ug/l	99
49) 1,4-Dioxane	7.714	88	15102	366.555	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	372300	94.198	ug/l	98
52) Toluene	8.720	92	165988	20.152	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	92412	19.541	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	103998	20.093	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	63139	20.440	ug/l	98
56) Ethyl methacrylate	9.116	69	89129	19.490	ug/l	98
57) 1,3-Dichloropropane	9.305	76	109147	20.331	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	234142	92.010	ug/l	100
59) 2-Hexanone	9.427	43	248422	95.136	ug/l	100
60) Dibromochloromethane	9.519	129	76722	21.177	ug/l	99
61) 1,2-Dibromoethane	9.610	107	63762	19.741	ug/l	99
64) Tetrachloroethene	9.275	164	54797	19.339	ug/l	97
65) Chlorobenzene	10.079	112	187570	20.370	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	65012	20.971	ug/l	98
67) Ethyl Benzene	10.195	91	326390	20.273	ug/l	100
68) m/p-Xylenes	10.299	106	241577	40.097	ug/l	99
69) o-Xylene	10.640	106	117156	20.441	ug/l	100
70) Styrene	10.652	104	202733	20.628	ug/l	99
71) Bromoform	10.799	173	47843	20.316	ug/l #	100
73) Isopropylbenzene	10.963	105	315413	20.149	ug/l	100
74) N-amyl acetate	10.841	43	110875	17.554	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	88404	19.771	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	69575m	18.944	ug/l	
77) Bromobenzene	11.195	156	75877	20.209	ug/l	98
78) n-propylbenzene	11.299	91	378851	20.253	ug/l	99
79) 2-Chlorotoluene	11.360	91	227174	20.316	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	264493	20.452	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	17866	12.533	ug/l	98
82) 4-Chlorotoluene	11.451	91	265305	20.327	ug/l	98
83) tert-Butylbenzene	11.713	119	264625	20.387	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	266971	20.697	ug/l	99
85) sec-Butylbenzene	11.890	105	335341	20.677	ug/l	99
86) p-Isopropyltoluene	12.006	119	275328	20.471	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	143051	20.052	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	147529	20.411	ug/l	96
89) n-Butylbenzene	12.329	91	258018	20.457	ug/l	99
90) Hexachloroethane	12.536	117	49536	20.588	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	137920	20.227	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17117	19.943	ug/l	92
93) 1,2,4-Trichlorobenzene	13.585	180	90782	20.152	ug/l	99
94) Hexachlorobutadiene	13.719	225	34160	22.296	ug/l	99
95) Naphthalene	13.774	128	256224	19.401	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	88102	20.300	ug/l	98

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

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