

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082625\
 Data File : VX047528.D
 Acq On : 26 Aug 2025 12:19
 Operator : JC/MD
 Sample : VX0826WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0826WBS02

Quant Time: Aug 27 01:34:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081525W.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 18 04:18:28 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/27/2025
 Supervised By : Mahesh Dadoda 08/27/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	218125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	388086	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	367371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	190380	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	173297	56.768	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 113.540%			
35) Dibromofluoromethane	5.397	113	131557	52.232	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.460%			
50) Toluene-d8	8.653	98	464717	51.621	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.240%			
62) 4-Bromofluorobenzene	11.079	95	188054	56.607	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 113.220%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	49675	17.865	ug/l	97
3) Chloromethane	1.307	50	46404	18.551	ug/l	95
4) Vinyl Chloride	1.392	62	57817	18.415	ug/l	98
5) Bromomethane	1.630	94	25473	20.087	ug/l	93
6) Chloroethane	1.703	64	35298	18.375	ug/l	98
7) Trichlorofluoromethane	1.904	101	82886	17.848	ug/l	100
8) Diethyl Ether	2.148	74	34459	21.073	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	50193	18.632	ug/l	97
10) Methyl Iodide	2.471	142	57819	12.524	ug/l	96
11) Tert butyl alcohol	2.959	59	37388	140.784	ug/l	97
12) 1,1-Dichloroethene	2.337	96	53232	19.383	ug/l	98
13) Acrolein	2.252	56	46737	83.369	ug/l	100
14) Allyl chloride	2.678	41	101493	21.277	ug/l	98
15) Acrylonitrile	3.081	53	149704	116.657	ug/l	99
16) Acetone	2.392	43	146067	127.296	ug/l	100
17) Carbon Disulfide	2.532	76	142674	17.216	ug/l	98
18) Methyl Acetate	2.715	43	83745	28.163	ug/l	97
19) Methyl tert-butyl Ether	3.129	73	191716	22.946	ug/l	98
20) Methylene Chloride	2.806	84	64952	21.376	ug/l	98
21) trans-1,2-Dichloroethene	3.105	96	57512	19.730	ug/l	98
22) Diisopropyl ether	3.770	45	220211	23.355	ug/l #	82
23) Vinyl Acetate	3.733	43	888914	115.020	ug/l	99
24) 1,1-Dichloroethane	3.623	63	114400	21.465	ug/l	99
25) 2-Butanone	4.568	43	198508	132.092	ug/l	99
26) 2,2-Dichloropropane	4.489	77	87450	21.740	ug/l	98
27) cis-1,2-Dichloroethene	4.501	96	71642	21.102	ug/l	99
28) Bromochloromethane	4.910	49	48864	22.033	ug/l	98
29) Tetrahydrofuran	5.025	42	114782	118.171	ug/l	99
30) Chloroform	5.105	83	119891	22.042	ug/l	96
31) Cyclohexane	5.483	56	92012	18.729	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	98496	21.039	ug/l	99
36) 1,1-Dichloropropene	5.702	75	79193	19.918	ug/l	99
37) Ethyl Acetate	4.727	43	84593	20.494	ug/l	98
38) Carbon Tetrachloride	5.690	117	85622	19.706	ug/l	97
39) Methylcyclohexane	7.385	83	87253	17.593	ug/l	95
40) Benzene	6.050	78	250186	21.023	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.946	41	39420	22.647	ug/l	99
42) 1,2-Dichloroethane	6.092	62	92001	21.825	ug/l	99
43) Isopropyl Acetate	6.348	43	137025	23.108	ug/l	100
44) Trichloroethene	7.135	130	61605	20.216	ug/l	98
45) 1,2-Dichloropropane	7.434	63	66157	22.190	ug/l	98
46) Dibromomethane	7.586	93	46937	21.685	ug/l	98
47) Bromodichloromethane	7.824	83	99647	22.207	ug/l	99
48) Methyl methacrylate	7.696	41	70043	22.757	ug/l	99
49) 1,4-Dioxane	7.684	88	15895	531.224	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	422293	123.755	ug/l	98
52) Toluene	8.720	92	169867	23.099	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	90550	23.122	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	101129	22.814	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	63283	22.665	ug/l	98
56) Ethyl methacrylate	9.116	69	96952	23.552	ug/l	98
57) 1,3-Dichloropropane	9.311	76	108272	22.757	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	204949	109.134	ug/l	99
59) 2-Hexanone	9.433	43	297242	125.929	ug/l	98
60) Dibromochloromethane	9.519	129	74606	22.484	ug/l	98
61) 1,2-Dibromoethane	9.610	107	65509	22.753	ug/l	98
64) Tetrachloroethene	9.275	164	48817	18.371	ug/l	98
65) Chlorobenzene	10.079	112	176741	20.245	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	60852	20.620	ug/l	99
67) Ethyl Benzene	10.195	91	303248	20.182	ug/l	98
68) m/p-Xylenes	10.299	106	228367	40.760	ug/l	99
69) o-Xylene	10.640	106	112764	20.914	ug/l	98
70) Styrene	10.652	104	198206	21.756	ug/l	100
71) Bromoform	10.799	173	49303	22.238	ug/l #	97
73) Isopropylbenzene	10.963	105	285177	19.142	ug/l	100
74) N-amyl acetate	10.841	43	128518	22.717	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	93514	21.379	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	72239m	20.688	ug/l	
77) Bromobenzene	11.195	156	73911	20.317	ug/l	98
78) n-propylbenzene	11.305	91	340384	19.130	ug/l	100
79) 2-Chlorotoluene	11.360	91	208593	19.393	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	234969	19.169	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	14982	23.582	ug/l	97
82) 4-Chlorotoluene	11.451	91	247547	19.524	ug/l	99
83) tert-Butylbenzene	11.713	119	235947	19.293	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	245255	20.007	ug/l	100
85) sec-Butylbenzene	11.890	105	287585	18.973	ug/l	100
86) p-Isopropyltoluene	12.006	119	243645	18.995	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	136007	19.569	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	140133	19.604	ug/l	99
89) n-Butylbenzene	12.329	91	226513	18.986	ug/l	99
90) Hexachloroethane	12.536	117	42565	18.916	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	130975	19.855	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.939	75	17106	20.222	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	83061	18.782	ug/l	97
94) Hexachlorobutadiene	13.725	225	27019	17.164	ug/l	99
95) Naphthalene	13.774	128	260004	20.573	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	77007	18.473	ug/l	98

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

