

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081525\
 Data File : VX047360.D
 Acq On : 15 Aug 2025 14:21
 Operator : JC/MD
 Sample : VX0815WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0815WBS01

Quant Time: Aug 18 04:32:49 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 08/18/2025
 Supervised By : Mahesh Dadoda 08/19/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	251230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	424536	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	385995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	195233	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	177417	50.459	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.920%			
35) Dibromofluoromethane	5.397	113	138719	50.347	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.700%			
50) Toluene-d8	8.653	98	500139	50.785	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.580%			
62) 4-Bromofluorobenzene	11.079	95	189520	52.150	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.300%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.184	85	54581	17.043	ug/l	99
3) Chloromethane	1.312	50	46226	16.045	ug/l	99
4) Vinyl Chloride	1.392	62	59332	16.408	ug/l	99
5) Bromomethane	1.629	94	26329	18.026	ug/l	98
6) Chloroethane	1.709	64	38017	17.183	ug/l	92
7) Trichlorofluoromethane	1.910	101	88310	16.510	ug/l	98
8) Diethyl Ether	2.148	74	30892	16.402	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	53083	17.108	ug/l	100
10) Methyl Iodide	2.471	142	73049	13.738	ug/l	99
11) Tert butyl alcohol	2.965	59	26058	85.191	ug/l	99
12) 1,1-Dichloroethene	2.343	96	53241	16.831	ug/l	91
13) Acrolein	2.251	56	55282	85.617	ug/l	98
14) Allyl chloride	2.684	41	87368	15.902	ug/l	99
15) Acrylonitrile	3.086	53	128616	87.018	ug/l	99
16) Acetone	2.391	43	128699	97.380	ug/l	98
17) Carbon Disulfide	2.532	76	153226	16.053	ug/l	100
18) Methyl Acetate	2.715	43	60661	17.712	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	164476	17.092	ug/l	99
20) Methylene Chloride	2.806	84	58275	16.652	ug/l	96
21) trans-1,2-Dichloroethene	3.111	96	56539	16.841	ug/l	96
22) Diisopropyl ether	3.775	45	187827	17.295	ug/l	95
23) Vinyl Acetate	3.733	43	767557	86.230	ug/l	99
24) 1,1-Dichloroethane	3.629	63	102244	16.657	ug/l	96
25) 2-Butanone	4.574	43	161669	93.402	ug/l	95
26) 2,2-Dichloropropane	4.489	77	78586	16.962	ug/l	99
27) cis-1,2-Dichloroethene	4.507	96	64155	16.407	ug/l	99
28) Bromochloromethane	4.915	49	51861	20.303	ug/l	100
29) Tetrahydrofuran	5.031	42	98076	87.666	ug/l	97
30) Chloroform	5.110	83	107665	17.186	ug/l	97
31) Cyclohexane	5.482	56	92586	16.362	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	90406	16.766	ug/l	99
36) 1,1-Dichloropropene	5.708	75	72437	16.654	ug/l	98
37) Ethyl Acetate	4.732	43	73945	16.376	ug/l	98
38) Carbon Tetrachloride	5.696	117	79632	16.754	ug/l	93
39) Methylcyclohexane	7.391	83	91461	16.858	ug/l	99
40) Benzene	6.049	78	225273	17.304	ug/l	93

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41) Methacrylonitrile	4.946	41	34006	17.859	ug/l	96
42) 1,2-Dichloroethane	6.098	62	81200	17.609	ug/l	100
43) Isopropyl Acetate	6.348	43	112794	17.388	ug/l	99
44) Trichloroethene	7.135	130	57113	17.133	ug/l	92
45) 1,2-Dichloropropane	7.433	63	55964	17.159	ug/l	97
46) Dibromomethane	7.586	93	40428	17.074	ug/l	99
47) Bromodichloromethane	7.823	83	84446	17.204	ug/l	99
48) Methyl methacrylate	7.695	41	57232	16.998	ug/l	98
49) 1,4-Dioxane	7.683	88	10978m	335.393	ug/l	
51) 4-Methyl-2-Pentanone	8.573	43	343280	91.962	ug/l	97
52) Toluene	8.720	92	141973	17.648	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	72258	16.867	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	83395	17.198	ug/l	97
55) 1,1,2-Trichloroethane	9.152	97	53981	17.674	ug/l	98
56) Ethyl methacrylate	9.116	69	78496	17.431	ug/l	99
57) 1,3-Dichloropropane	9.311	76	92173	17.710	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	173530	86.358	ug/l	99
59) 2-Hexanone	9.433	43	238313	92.295	ug/l	99
60) Dibromochloromethane	9.518	129	61652	16.985	ug/l	100
61) 1,2-Dibromoethane	9.610	107	55605	17.655	ug/l	99
64) Tetrachloroethene	9.274	164	47199	16.905	ug/l	99
65) Chlorobenzene	10.079	112	155621	16.966	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	51630	16.651	ug/l	99
67) Ethyl Benzene	10.195	91	270213	17.116	ug/l	97
68) m/p-Xylenes	10.299	106	204503	34.739	ug/l	99
69) o-Xylene	10.640	106	97111	17.142	ug/l	99
70) Styrene	10.652	104	170364	17.798	ug/l	99
71) Bromoform	10.798	173	39471	16.944	ug/l #	99
73) Isopropylbenzene	10.963	105	259926	17.013	ug/l	99
74) N-amyl acetate	10.841	43	98400	16.961	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	78404	17.479	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	64644m	18.053	ug/l	
77) Bromobenzene	11.195	156	62888	16.857	ug/l	99
78) n-propylbenzene	11.304	91	320464	17.563	ug/l	100
79) 2-Chlorotoluene	11.359	91	186268	16.887	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	213875	17.014	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8554	16.615	ug/l	97
82) 4-Chlorotoluene	11.451	91	218950	16.839	ug/l	99
83) tert-Butylbenzene	11.713	119	214431	17.098	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	219724	17.479	ug/l	99
85) sec-Butylbenzene	11.890	105	269498	17.337	ug/l	100
86) p-Isopropyltoluene	12.006	119	227642	17.306	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	121339	17.025	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	123016	16.782	ug/l	98
89) n-Butylbenzene	12.329	91	211119	17.256	ug/l	99
90) Hexachloroethane	12.536	117	38107	16.514	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	114942	16.991	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	14641	16.877	ug/l	99
93) 1,2,4-Trichlorobenzene	13.585	180	74979	16.533	ug/l	100
94) Hexachlorobutadiene	13.719	225	25887	16.036	ug/l	99
95) Naphthalene	13.774	128	217286	16.766	ug/l	99
96) 1,2,3-Trichlorobenzene	13.956	180	71309	16.681	ug/l	99

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

