

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112625\
 Data File : VX048692.D
 Acq On : 26 Nov 2025 13:53
 Operator : JC/MD
 Sample : VX1126WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1126WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/01/2025
 Supervised By : Semsettin Yesilyurt 12/01/2025

Quant Time: Nov 27 01:37:44 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 08 05:08:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.531	168	143808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.738	114	237149	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.037	117	215633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.006	152	114151	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.940	65	106139	52.967	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.940%
35) Dibromofluoromethane	5.367	113	87387	48.687	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.380%
50) Toluene-d8	8.634	98	284113	50.753	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.500%
62) 4-Bromofluorobenzene	11.061	95	109080	52.287	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.580%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.172	85	20332	17.448	ug/l	98
3) Chloromethane	1.300	50	25094	16.236	ug/l	99
4) Vinyl Chloride	1.380	62	27354	15.632	ug/l	95
5) Bromomethane	1.617	94	20840	18.860	ug/l	97
6) Chloroethane	1.697	64	18803	16.407	ug/l	95
7) Trichlorofluoromethane	1.892	101	46985	16.972	ug/l	99
8) Diethyl Ether	2.130	74	19729	17.754	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	30739	19.179	ug/l	98
10) Methyl Iodide	2.453	142	40479	17.066	ug/l	99
11) Tert butyl alcohol	2.934	59	39479	103.972	ug/l	99
12) 1,1-Dichloroethene	2.325	96	29753	17.773	ug/l	98
13) Acrolein	2.233	56	4456	81.109	ug/l	97
14) Allyl chloride	2.666	41	59584	19.117	ug/l	95
15) Acrylonitrile	3.056	53	123825	111.710	ug/l	99
16) Acetone	2.367	43	97060	102.327	ug/l	96
17) Carbon Disulfide	2.514	76	65883	13.985	ug/l	99
18) Methyl Acetate	2.697	43	59132	22.685	ug/l	98
19) Methyl tert-butyl Ether	3.105	73	128135	21.675	ug/l	97
20) Methylene Chloride	2.782	84	38138	19.557	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	32505	18.320	ug/l	98
22) Diisopropyl ether	3.745	45	127721	21.340	ug/l	92
23) Vinyl Acetate	3.709	43	545953	104.155	ug/l	98
24) 1,1-Dichloroethane	3.599	63	66524	20.257	ug/l	98
25) 2-Butanone	4.532	43	157357	112.142	ug/l	97
26) 2,2-Dichloropropane	4.465	77	56816	20.294	ug/l	96
27) cis-1,2-Dichloroethene	4.477	96	42198	19.457	ug/l	96
28) Bromochloromethane	4.879	49	31317	19.412	ug/l	98
29) Tetrahydrofuran	4.977	42	103018	102.938	ug/l	98
30) Chloroform	5.074	83	72417	21.360	ug/l	99
31) Cyclohexane	5.452	56	47559	17.675	ug/l	92
32) 1,1,1-Trichloroethane	5.367	97	61823	20.895	ug/l	99
36) 1,1-Dichloropropene	5.678	75	41227	17.153	ug/l	98
37) Ethyl Acetate	4.696	43	71080	21.010	ug/l	99
38) Carbon Tetrachloride	5.665	117	50058	18.296	ug/l	98
39) Methylcyclohexane	7.366	83	47811	17.717	ug/l	98
40) Benzene	6.019	78	139120	18.673	ug/l	100

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41) Methacrylonitrile	4.897	41	32442	21.805	ug/l	97
42) 1,2-Dichloroethane	6.074	62	55147	21.604	ug/l	98
43) Isopropyl Acetate	6.318	43	98584	20.730	ug/l	99
44) Trichloroethene	7.110	130	35982	20.206	ug/l	94
45) 1,2-Dichloropropane	7.409	63	36754	21.456	ug/l	96
46) Dibromomethane	7.568	93	28522	22.828	ug/l	96
47) Bromodichloromethane	7.805	83	58971	23.659	ug/l #	96
48) Methyl methacrylate	7.677	41	47262	22.356	ug/l	97
49) 1,4-Dioxane	7.647	88	15894	493.397	ug/l	97
51) 4-Methyl-2-Pentanone	8.555	43	339020	125.234	ug/l	98
52) Toluene	8.702	92	87699	22.359	ug/l	98
53) t-1,3-Dichloropropene	8.964	75	58848	22.913	ug/l	96
54) cis-1,3-Dichloropropene	8.348	75	61464	23.112	ug/l	96
55) 1,1,2-Trichloroethane	9.134	97	39193	25.010	ug/l	97
56) Ethyl methacrylate	9.098	69	63066	24.189	ug/l	97
57) 1,3-Dichloropropane	9.293	76	65690	24.083	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.226	63	153337	109.390	ug/l	100
59) 2-Hexanone	9.415	43	250585	124.440	ug/l	98
60) Dibromochloromethane	9.506	129	48600	25.259	ug/l	97
61) 1,2-Dibromoethane	9.592	107	41341	24.356	ug/l	99
64) Tetrachloroethene	9.256	164	30792	19.660	ug/l	97
65) Chlorobenzene	10.061	112	102403	20.008	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.146	131	38453	22.423	ug/l	99
67) Ethyl Benzene	10.177	91	167729	19.516	ug/l	99
68) m/p-Xylenes	10.287	106	129591	40.036	ug/l	99
69) o-Xylene	10.622	106	62836	19.841	ug/l	100
70) Styrene	10.640	104	110746	20.846	ug/l	99
71) Bromoform	10.780	173	33954	21.461	ug/l #	100
73) Isopropylbenzene	10.945	105	164730	19.881	ug/l	99
74) N-amyl acetate	10.829	43	80501	19.349	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.195	83	60457	20.690	ug/l	98
76) 1,2,3-Trichloropropane	11.219	75	55104m	20.037	ug/l	
77) Bromobenzene	11.183	156	42925	20.062	ug/l	97
78) n-propylbenzene	11.286	91	191524	19.658	ug/l	100
79) 2-Chlorotoluene	11.347	91	115322	19.588	ug/l	99
80) 1,3,5-Trimethylbenzene	11.433	105	135406	20.046	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.000	75	19358	20.134	ug/l	93
82) 4-Chlorotoluene	11.439	91	137205	19.868	ug/l	99
83) tert-Butylbenzene	11.695	119	138658	19.847	ug/l	98
84) 1,2,4-Trimethylbenzene	11.731	105	134317	19.708	ug/l	99
85) sec-Butylbenzene	11.872	105	169183	19.593	ug/l	100
86) p-Isopropyltoluene	11.994	119	145540	20.048	ug/l	98
87) 1,3-Dichlorobenzene	11.951	146	80508	20.076	ug/l	99
88) 1,4-Dichlorobenzene	12.024	146	80248	19.374	ug/l	98
89) n-Butylbenzene	12.317	91	130568	19.172	ug/l	99
90) Hexachloroethane	12.518	117	27162	19.638	ug/l	100
91) 1,2-Dichlorobenzene	12.317	146	77710	20.186	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.926	75	14011	20.634	ug/l	98
93) 1,2,4-Trichlorobenzene	13.573	180	48933	19.129	ug/l	99
94) Hexachlorobutadiene	13.707	225	20692	19.350	ug/l	98
95) Naphthalene	13.756	128	168252	20.457	ug/l	100
96) 1,2,3-Trichlorobenzene	13.945	180	47722	20.056	ug/l	99

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

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