

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080525\
 Data File : VX047233.D
 Acq On : 05 Aug 2025 13:42
 Operator : JC/MD
 Sample : VX0805WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0805WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/06/2025
 Supervised By : Semsettin Yesilyurt 08/06/2025

Quant Time: Aug 06 05:41:04 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

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	249001	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	422113	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	381956	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	190984	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	141606	45.653	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.300%		
35) Dibromofluoromethane	5.391	113	123398	47.347	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.700%		
50) Toluene-d8	8.647	98	370355	43.879	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	87.760%#		
62) 4-Bromofluorobenzene	11.079	95	175565	48.268	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.185	85	54775	16.561	ug/l	97
3) Chloromethane	1.313	50	51107	15.622	ug/l	99
4) Vinyl Chloride	1.392	62	62712	17.832	ug/l	96
5) Bromomethane	1.630	94	32857	17.199	ug/l	98
6) Chloroethane	1.709	64	36257	15.697	ug/l	97
7) Trichlorofluoromethane	1.904	101	94095	17.943	ug/l	99
8) Diethyl Ether	2.148	74	34392	18.600	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.349	101	56316	17.825	ug/l	99
10) Methyl Iodide	2.471	142	81126	25.195	ug/l	98
11) Tert butyl alcohol	2.953	59	29578	74.346	ug/l	99
12) 1,1-Dichloroethene	2.337	96	53928	17.234	ug/l	99
13) Acrolein	2.246	56	51662	77.354	ug/l	98
14) Allyl chloride	2.678	41	93006	16.442	ug/l	94
15) Acrylonitrile	3.075	53	138856	93.865	ug/l	99
16) Acetone	2.386	43	110955	89.294	ug/l	98
17) Carbon Disulfide	2.526	76	133675	14.766	ug/l	99
18) Methyl Acetate	2.709	43	76081	23.040	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	190176	19.969	ug/l	99
20) Methylene Chloride	2.800	84	63634	18.615	ug/l	99
21) trans-1,2-Dichloroethene	3.105	96	56819	17.744	ug/l	98
22) Diisopropyl ether	3.770	45	217752	20.023	ug/l	87
23) Vinyl Acetate	3.727	43	827437	94.861	ug/l	99
24) 1,1-Dichloroethane	3.617	63	115643	19.123	ug/l	97
25) 2-Butanone	4.562	43	160726	88.834	ug/l	98
26) 2,2-Dichloropropane	4.483	77	83498	17.836	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	72454	19.108	ug/l	98
28) Bromochloromethane	4.910	49	55504	19.950	ug/l	100
29) Tetrahydrofuran	5.019	42	99354	85.108	ug/l	97
30) Chloroform	5.099	83	120314	19.545	ug/l	97
31) Cyclohexane	5.483	56	97941	16.891	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	100111	18.723	ug/l	99
36) 1,1-Dichloropropene	5.702	75	77055	17.345	ug/l	98
37) Ethyl Acetate	4.721	43	71961	17.579	ug/l	99
38) Carbon Tetrachloride	5.690	117	87250	18.401	ug/l	95
39) Methylcyclohexane	7.385	83	95307	17.182	ug/l	98
40) Benzene	6.044	78	240037	18.670	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	40945	19.129	ug/l #	94
42) 1,2-Dichloroethane	6.092	62	91794	20.268	ug/l	99
43) Isopropyl Acetate	6.349	43	121513	19.040	ug/l	100
44) Trichloroethene	7.129	130	59554	18.063	ug/l	82
45) 1,2-Dichloropropane	7.428	63	63625	19.759	ug/l	96
46) Dibromomethane	7.586	93	45069	19.959	ug/l	99
47) Bromodichloromethane	7.824	83	94983	19.762	ug/l	95
48) Methyl methacrylate	7.696	41	65913	18.959	ug/l	98
49) 1,4-Dioxane	7.726	88	14731	372.538	ug/l #	75
51) 4-Methyl-2-Pentanone	8.574	43	361897	95.404	ug/l	98
52) Toluene	8.720	92	151395	19.151	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	86668	19.095	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	96130	19.351	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	59615	20.108	ug/l	96
56) Ethyl methacrylate	9.116	69	87947	20.038	ug/l	99
57) 1,3-Dichloropropane	9.305	76	103024	19.995	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	222331	91.031	ug/l	100
59) 2-Hexanone	9.427	43	241927	96.532	ug/l	100
60) Dibromochloromethane	9.519	129	71645	20.605	ug/l	100
61) 1,2-Dibromoethane	9.610	107	60799	19.612	ug/l	97
64) Tetrachloroethene	9.275	164	49998	18.158	ug/l	94
65) Chlorobenzene	10.080	112	171092	19.121	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	60096	19.948	ug/l	99
67) Ethyl Benzene	10.189	91	296031	18.922	ug/l	98
68) m/p-Xylenes	10.299	106	221431	37.821	ug/l	99
69) o-Xylene	10.640	106	108563	19.492	ug/l	99
70) Styrene	10.653	104	187427	19.624	ug/l	100
71) Bromoform	10.799	173	44789	19.572	ug/l #	99
73) Isopropylbenzene	10.957	105	288185	19.126	ug/l	100
74) N-amyl acetate	10.842	43	108132	17.786	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	85221	19.801	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	69650m	19.703	ug/l	
77) Bromobenzene	11.195	156	69713	19.290	ug/l	99
78) n-propylbenzene	11.299	91	340406	18.906	ug/l	100
79) 2-Chlorotoluene	11.360	91	207027	19.235	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	238647	19.172	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	18301	13.338	ug/l	94
82) 4-Chlorotoluene	11.451	91	243621	19.392	ug/l	99
83) tert-Butylbenzene	11.713	119	243598	19.497	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	241042	19.414	ug/l	100
85) sec-Butylbenzene	11.890	105	302147	19.355	ug/l	100
86) p-Isopropyltoluene	12.006	119	251713	19.444	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	134600	19.601	ug/l	99
88) 1,4-Dichlorobenzene	12.037	146	136132	19.567	ug/l	98
89) n-Butylbenzene	12.329	91	239668	19.742	ug/l	98
90) Hexachloroethane	12.536	117	43128	18.622	ug/l	99
91) 1,2-Dichlorobenzene	12.329	146	129353	19.709	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	15790	19.113	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	86160	19.870	ug/l	100
94) Hexachlorobutadiene	13.719	225	31225	21.174	ug/l	97
95) Naphthalene	13.774	128	246247	19.372	ug/l	100
96) 1,2,3-Trichlorobenzene	13.957	180	80760	19.333	ug/l	98

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

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