

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082125\
 Data File : VX047467.D
 Acq On : 21 Aug 2025 14:07
 Operator : JC/MD
 Sample : VX0821WBS02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0821WBS02

Quant Time: Aug 22 03:46:04 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 08/22/2025
 Supervised By : Mahesh Dadoda 08/22/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	219757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	395822	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	370697	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	193487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	176124	57.266	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.540%			
35) Dibromofluoromethane	5.397	113	132673	51.645	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.300%			
50) Toluene-d8	8.653	98	460935	50.200	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.400%			
62) 4-Bromofluorobenzene	11.079	95	188500	55.632	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.185	85	52136	18.611	ug/l	96
3) Chloromethane	1.313	50	49473	19.631	ug/l	99
4) Vinyl Chloride	1.392	62	61123	19.324	ug/l	100
5) Bromomethane	1.630	94	25522	19.976	ug/l	97
6) Chloroethane	1.709	64	39889	20.611	ug/l	100
7) Trichlorofluoromethane	1.904	101	91456	19.547	ug/l	99
8) Diethyl Ether	2.148	74	36285	22.025	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.349	101	53527	19.722	ug/l	98
10) Methyl Iodide	2.471	142	67680	14.551	ug/l	99
11) Tert butyl alcohol	2.959	59	30845	115.284	ug/l	99
12) 1,1-Dichloroethene	2.337	96	55363	20.009	ug/l	98
13) Acrolein	2.251	56	59011	104.481	ug/l	98
14) Allyl chloride	2.678	41	99967	20.801	ug/l	99
15) Acrylonitrile	3.081	53	143612	111.079	ug/l	99
16) Acetone	2.392	43	118906	102.856	ug/l	96
17) Carbon Disulfide	2.526	76	149558	17.912	ug/l	100
18) Methyl Acetate	2.715	43	72122	24.075	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	186862	22.199	ug/l	99
20) Methylene Chloride	2.806	84	67266	21.974	ug/l	94
21) trans-1,2-Dichloroethene	3.105	96	60380	20.560	ug/l	98
22) Diisopropyl ether	3.769	45	221856	23.355	ug/l	85
23) Vinyl Acetate	3.733	43	864017	110.968	ug/l	100
24) 1,1-Dichloroethane	3.623	63	117074	21.804	ug/l	98
25) 2-Butanone	4.574	43	178447	117.861	ug/l	99
26) 2,2-Dichloropropane	4.495	77	80184	19.786	ug/l	100
27) cis-1,2-Dichloroethene	4.507	96	74958	21.915	ug/l	98
28) Bromochloromethane	4.916	49	55023	24.626	ug/l	100
29) Tetrahydrofuran	5.031	42	108635	111.012	ug/l	98
30) Chloroform	5.105	83	123736	22.580	ug/l	94
31) Cyclohexane	5.483	56	97308	19.660	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	97000	20.565	ug/l	98
36) 1,1-Dichloropropene	5.708	75	80408	19.828	ug/l	99
37) Ethyl Acetate	4.727	43	77407	18.387	ug/l	98
38) Carbon Tetrachloride	5.696	117	86344	19.484	ug/l	95
39) Methylcyclohexane	7.385	83	89674	17.728	ug/l	90
40) Benzene	6.050	78	250369	20.627	ug/l	98

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41) Methacrylonitrile	4.940	41	40042	22.555	ug/l	92
42) 1,2-Dichloroethane	6.098	62	92470	21.507	ug/l	100
43) Isopropyl Acetate	6.348	43	125855	20.809	ug/l	100
44) Trichloroethene	7.135	130	62561	20.129	ug/l	99
45) 1,2-Dichloropropane	7.433	63	64285	21.141	ug/l	100
46) Dibromomethane	7.586	93	45974	20.825	ug/l	99
47) Bromodichloromethane	7.824	83	95100	20.779	ug/l	100
48) Methyl methacrylate	7.696	41	66527	21.192	ug/l	97
49) 1,4-Dioxane	7.690	88	11979	392.523	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	381590	109.641	ug/l	97
52) Toluene	8.720	92	157838	21.044	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	83536	20.914	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	95182	21.053	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	62404	21.913	ug/l	99
56) Ethyl methacrylate	9.116	69	89883	21.408	ug/l	98
57) 1,3-Dichloropropane	9.311	76	106790	22.007	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.244	63	184544	97.327	ug/l	99
59) 2-Hexanone	9.433	43	254945	105.899	ug/l	100
60) Dibromochloromethane	9.518	129	71992	21.272	ug/l	99
61) 1,2-Dibromoethane	9.610	107	61680	21.004	ug/l	99
64) Tetrachloroethene	9.275	164	48854	18.220	ug/l	95
65) Chlorobenzene	10.079	112	175397	19.911	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	60389	20.279	ug/l	98
67) Ethyl Benzene	10.195	91	298088	19.660	ug/l	98
68) m/p-Xylenes	10.299	106	227285	40.202	ug/l	99
69) o-Xylene	10.640	106	111463	20.487	ug/l	98
70) Styrene	10.652	104	191132	20.792	ug/l	100
71) Bromoform	10.799	173	45830	20.486	ug/l #	97
73) Isopropylbenzene	10.963	105	285672	18.867	ug/l	100
74) N-amyl acetate	10.841	43	109541	19.051	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	88882	19.993	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	68907m	19.417	ug/l	
77) Bromobenzene	11.195	156	71647	19.378	ug/l	99
78) n-propylbenzene	11.305	91	337183	18.646	ug/l	99
79) 2-Chlorotoluene	11.366	91	209103	19.128	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	235770	18.925	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	11188	19.413	ug/l	89
82) 4-Chlorotoluene	11.451	91	244430	18.969	ug/l	100
83) tert-Butylbenzene	11.713	119	235583	18.954	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	240110	19.273	ug/l	99
85) sec-Butylbenzene	11.890	105	288712	18.741	ug/l	100
86) p-Isopropyltoluene	12.006	119	244146	18.728	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	132909	18.817	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	134397	18.500	ug/l	98
89) n-Butylbenzene	12.329	91	222499	18.350	ug/l	99
90) Hexachloroethane	12.536	117	41201	18.016	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	128956	19.235	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	16504	19.197	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	81841	18.209	ug/l	99
94) Hexachlorobutadiene	13.725	225	27303	17.066	ug/l	97
95) Naphthalene	13.774	128	261329	20.346	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	77394	18.268	ug/l	100

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

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