

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082925\
 Data File : VX047560.D
 Acq On : 29 Aug 2025 11:02
 Operator : JC/MD
 Sample : VX0829WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0829WBS01

Quant Time: Aug 29 23:50:57 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 29 02:31:18 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/02/2025
 Supervised By : Semsettin Yesilyurt 09/03/2025

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

Internal Standards						
1) Pentafluorobenzene	5.555	168	237474	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	427469	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	402993	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	210365	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	198125	54.329	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 108.660%			
35) Dibromofluoromethane	5.391	113	149556	50.975	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.960%			
50) Toluene-d8	8.646	98	516489	50.224	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.440%			
62) 4-Bromofluorobenzene	11.079	95	205780	53.265	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.184	85	44999	17.303	ug/l	97
3) Chloromethane	1.312	50	50014	17.608	ug/l	98
4) Vinyl Chloride	1.392	62	59553	17.836	ug/l	99
5) Bromomethane	1.629	94	30064	20.818	ug/l	98
6) Chloroethane	1.709	64	37349	17.606	ug/l	99
7) Trichlorofluoromethane	1.904	101	87161	18.354	ug/l	98
8) Diethyl Ether	2.148	74	35033	18.593	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.349	101	52701	18.634	ug/l	99
10) Methyl Iodide	2.471	142	75240	16.071	ug/l	98
11) Tert butyl alcohol	2.958	59	29976	89.430	ug/l	100
12) 1,1-Dichloroethene	2.337	96	52820	17.612	ug/l	96
13) Acrolein	2.251	56	57237	85.183	ug/l	97
14) Allyl chloride	2.678	41	100397	18.274	ug/l	99
15) Acrylonitrile	3.080	53	136661	91.113	ug/l	98
16) Acetone	2.391	43	131443	91.010	ug/l	97
17) Carbon Disulfide	2.526	76	159660	17.904	ug/l	100
18) Methyl Acetate	2.715	43	67742	19.025	ug/l	100
19) Methyl tert-butyl Ether	3.123	73	184704	18.869	ug/l	98
20) Methylene Chloride	2.806	84	66291	18.037	ug/l	97
21) trans-1,2-Dichloroethene	3.105	96	60410	18.929	ug/l	94
22) Diisopropyl ether	3.769	45	212912	19.242	ug/l	89
23) Vinyl Acetate	3.733	43	857226	95.141	ug/l	100
24) 1,1-Dichloroethane	3.623	63	113903	18.526	ug/l	96
25) 2-Butanone	4.568	43	173892	91.488	ug/l	100
26) 2,2-Dichloropropane	4.482	77	82950	18.666	ug/l	99
27) cis-1,2-Dichloroethene	4.501	96	73814	18.983	ug/l	99
28) Bromochloromethane	4.909	49	52557	19.808	ug/l	100
29) Tetrahydrofuran	5.025	42	102255	86.692	ug/l	98
30) Chloroform	5.098	83	118820	18.979	ug/l	98
31) Cyclohexane	5.476	56	95227	18.571	ug/l	100
32) 1,1,1-Trichloroethane	5.391	97	95188	18.661	ug/l	99
36) 1,1-Dichloropropene	5.708	75	76837	18.402	ug/l	99
37) Ethyl Acetate	4.720	43	74922	18.205	ug/l	98
38) Carbon Tetrachloride	5.690	117	83222	17.963	ug/l	97
39) Methylcyclohexane	7.384	83	86251	17.912	ug/l	99
40) Benzene	6.043	78	246433	18.487	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	39337	20.183	ug/l	98
42) 1,2-Dichloroethane	6.098	62	88866	18.519	ug/l	100
43) Isopropyl Acetate	6.348	43	122828	18.575	ug/l	99
44) Trichloroethene	7.128	130	61465	18.610	ug/l	96
45) 1,2-Dichloropropane	7.433	63	63444	18.896	ug/l	98
46) Dibromomethane	7.580	93	45754	18.511	ug/l	99
47) Bromodichloromethane	7.823	83	94259	18.647	ug/l	96
48) Methyl methacrylate	7.695	41	62854	18.478	ug/l	99
49) 1,4-Dioxane	7.683	88	13132	390.253	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	361472	92.517	ug/l	99
52) Toluene	8.720	92	155204	19.105	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	84829	18.627	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	95994	19.024	ug/l	95
55) 1,1,2-Trichloroethane	9.152	97	59095	18.647	ug/l	99
56) Ethyl methacrylate	9.116	69	88792	18.927	ug/l	99
57) 1,3-Dichloropropane	9.305	76	101756	18.546	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	207446	103.346	ug/l	100
59) 2-Hexanone	9.433	43	246956	92.524	ug/l	98
60) Dibromochloromethane	9.518	129	69265	18.296	ug/l	98
61) 1,2-Dibromoethane	9.610	107	60996	18.913	ug/l	99
64) Tetrachloroethene	9.274	164	48838	18.089	ug/l	97
65) Chlorobenzene	10.079	112	171460	18.175	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	57920	18.105	ug/l	98
67) Ethyl Benzene	10.189	91	289645	18.271	ug/l	99
68) m/p-Xylenes	10.299	106	220619	37.469	ug/l	100
69) o-Xylene	10.640	106	105790	18.651	ug/l	99
70) Styrene	10.652	104	188648	19.168	ug/l	99
71) Bromoform	10.798	173	44727	18.361	ug/l #	99
73) Isopropylbenzene	10.957	105	270974	17.505	ug/l	100
74) N-amyl acetate	10.841	43	106183	16.611	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	83177	16.998	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	66075m	17.599	ug/l	
77) Bromobenzene	11.195	156	69961	17.667	ug/l	98
78) n-propylbenzene	11.298	91	320891	17.412	ug/l	100
79) 2-Chlorotoluene	11.359	91	200526	17.545	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	227681	17.989	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	12878	19.009	ug/l	99
82) 4-Chlorotoluene	11.451	91	237842	17.735	ug/l	99
83) tert-Butylbenzene	11.713	119	223351	17.506	ug/l	100
84) 1,2,4-Trimethylbenzene	11.749	105	229095	17.758	ug/l	99
85) sec-Butylbenzene	11.890	105	266613	17.367	ug/l	99
86) p-Isopropyltoluene	12.006	119	225193	17.499	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	127824	17.314	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	133342	17.493	ug/l	98
89) n-Butylbenzene	12.329	91	204725	17.237	ug/l	99
90) Hexachloroethane	12.536	117	38695	16.358	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	124437	17.201	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	14212	15.746	ug/l	95
93) 1,2,4-Trichlorobenzene	13.585	180	75503	17.121	ug/l	100
94) Hexachlorobutadiene	13.725	225	25115	16.385	ug/l	99
95) Naphthalene	13.774	128	219516	17.029	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	71133	17.172	ug/l	98

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

