

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071825\
 Data File : VX047041.D
 Acq On : 18 Jul 2025 11:43
 Operator : JC/MD
 Sample : VX0718WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718WBS01

Quant Time: Jul 19 04:20:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X070225W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 03 05:51:11 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/21/2025
 Supervised By : Mahesh Dadoda 07/21/2025

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	379800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	627890	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	557303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	276517	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	269380	53.688	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.380%			
35) Dibromofluoromethane	5.397	113	215272	50.508	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.020%			
50) Toluene-d8	8.647	98	769137	51.147	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 102.300%			
62) 4-Bromofluorobenzene	11.079	95	300384	52.559	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.179	85	67359	18.545	ug/l	99
3) Chloromethane	1.307	50	66598	16.782	ug/l	95
4) Vinyl Chloride	1.386	62	75100	17.378	ug/l	97
5) Bromomethane	1.624	94	46185	16.633	ug/l	97
6) Chloroethane	1.703	64	50392	17.659	ug/l	94
7) Trichlorofluoromethane	1.904	101	128167	19.180	ug/l	96
8) Diethyl Ether	2.148	74	48392	20.350	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.343	101	82314	19.332	ug/l	99
10) Methyl Iodide	2.465	142	69014	14.877	ug/l	96
11) Tert butyl alcohol	2.953	59	48721	148.054	ug/l	100
12) 1,1-Dichloroethene	2.337	96	75244	18.270	ug/l	97
13) Acrolein	2.252	56	9476	28.599	ug/l	89
14) Allyl chloride	2.678	41	147622	20.133	ug/l	99
15) Acrylonitrile	3.075	53	214267	112.618	ug/l	100
16) Acetone	2.386	43	174679	112.078	ug/l	98
17) Carbon Disulfide	2.526	76	154040	14.262	ug/l	98
18) Methyl Acetate	2.715	43	129469	31.517	ug/l	97
19) Methyl tert-butyl Ether	3.123	73	260275	22.379	ug/l	96
20) Methylene Chloride	2.806	84	90519	19.641	ug/l	96
21) trans-1,2-Dichloroethene	3.105	96	78162	18.547	ug/l	98
22) Diisopropyl ether	3.770	45	304245	21.478	ug/l	98
23) Vinyl Acetate	3.733	43	1123336	105.849	ug/l	98
24) 1,1-Dichloroethane	3.623	63	160357	19.849	ug/l	97
25) 2-Butanone	4.562	43	259976	125.025	ug/l	96
26) 2,2-Dichloropropane	4.483	77	125231	20.828	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	100265	19.487	ug/l	97
28) Bromochloromethane	4.910	49	84454	21.181	ug/l	95
29) Tetrahydrofuran	5.013	42	161814	122.075	ug/l	99
30) Chloroform	5.105	83	166592	20.184	ug/l	97
31) Cyclohexane	5.477	56	133934	18.674	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	140225	20.335	ug/l	98
36) 1,1-Dichloropropene	5.702	75	110731	19.256	ug/l	100
37) Ethyl Acetate	4.721	43	104119	21.258	ug/l	99
38) Carbon Tetrachloride	5.684	117	116249	19.121	ug/l	95
39) Methylcyclohexane	7.385	83	133694	18.586	ug/l	97
40) Benzene	6.044	78	338546	19.464	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	66398	25.413	ug/l	92
42) 1,2-Dichloroethane	6.092	62	124542	21.087	ug/l	98
43) Isopropyl Acetate	6.342	43	178108	23.741	ug/l	98
44) Trichloroethene	7.129	130	84791	18.727	ug/l	91
45) 1,2-Dichloropropane	7.434	63	87530	19.918	ug/l	92
46) Dibromomethane	7.586	93	62562	20.547	ug/l	98
47) Bromodichloromethane	7.824	83	130251	20.035	ug/l	99
48) Methyl methacrylate	7.696	41	93479	24.132	ug/l	97
49) 1,4-Dioxane	7.659	88	22524	501.831	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	551027	124.456	ug/l	100
52) Toluene	8.720	92	211492	19.622	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	122529	21.118	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	136444	20.602	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	84697	21.097	ug/l	97
56) Ethyl methacrylate	9.116	69	125542	22.594	ug/l	95
57) 1,3-Dichloropropane	9.305	76	143833	20.807	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	320245	102.288	ug/l	99
59) 2-Hexanone	9.427	43	388106	132.155	ug/l	97
60) Dibromochloromethane	9.519	129	95303	19.836	ug/l	99
61) 1,2-Dibromoethane	9.610	107	86251	21.392	ug/l	99
64) Tetrachloroethene	9.275	164	71953	19.392	ug/l	96
65) Chlorobenzene	10.079	112	239824	19.904	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	81811	20.198	ug/l	99
67) Ethyl Benzene	10.195	91	418973	20.305	ug/l	100
68) m/p-Xylenes	10.299	106	316578	40.715	ug/l	97
69) o-Xylene	10.640	106	152027	20.241	ug/l	97
70) Styrene	10.653	104	267673	20.830	ug/l	98
71) Bromoform	10.799	173	61923	20.561	ug/l #	99
73) Isopropylbenzene	10.963	105	410127	21.099	ug/l	99
74) N-amyl acetate	10.842	43	160986	24.372	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	119816	22.416	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	97788m	22.887	ug/l	
77) Bromobenzene	11.195	156	96063	19.840	ug/l	92
78) n-propylbenzene	11.299	91	488464	20.840	ug/l	100
79) 2-Chlorotoluene	11.360	91	293927	21.238	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	341062	21.594	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	34120	21.430	ug/l	94
82) 4-Chlorotoluene	11.451	91	342606	21.452	ug/l	98
83) tert-Butylbenzene	11.713	119	343614	21.064	ug/l	96
84) 1,2,4-Trimethylbenzene	11.750	105	344876	21.603	ug/l	96
85) sec-Butylbenzene	11.890	105	434509	21.126	ug/l	99
86) p-Isopropyltoluene	12.006	119	359911	20.896	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	186733	20.621	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	188122	19.962	ug/l	97
89) n-Butylbenzene	12.329	91	336469	20.790	ug/l	99
90) Hexachloroethane	12.536	117	61673	20.198	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	179209	20.422	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	23403	25.034	ug/l	90
93) 1,2,4-Trichlorobenzene	13.585	180	121686	20.412	ug/l	99
94) Hexachlorobutadiene	13.719	225	44967	20.001	ug/l	98
95) Naphthalene	13.774	128	360471	22.947	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	115308	20.471	ug/l	97

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

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