

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071625\
 Data File : VX047022.D
 Acq On : 16 Jul 2025 12:11
 Operator : JC/MD
 Sample : VX0716WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0716WBS01

Quant Time: Jul 17 03:30:40 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 :Mahesh Dadoda 07/17/2025
 Supervised By :Semsettin Yesilyurt 07/17/2025

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	322183	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	547259	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	491570	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	246550	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	222821	52.350	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 104.700%			
35) Dibromofluoromethane	5.397	113	181294	48.803	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.600%			
50) Toluene-d8	8.653	98	630463	48.103	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 96.200%			
62) 4-Bromofluorobenzene	11.079	95	259114	52.018	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.040%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.184	85	50056	16.246	ug/l	98
3) Chloromethane	1.306	50	54087	16.067	ug/l	98
4) Vinyl Chloride	1.386	62	60709	16.560	ug/l	99
5) Bromomethane	1.623	94	40316	17.116	ug/l	97
6) Chloroethane	1.703	64	41315	17.067	ug/l	93
7) Trichlorofluoromethane	1.904	101	101587	17.921	ug/l	98
8) Diethyl Ether	2.148	74	39134	19.400	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.349	101	68825	19.055	ug/l	99
10) Methyl Iodide	2.471	142	59775	15.190	ug/l	97
11) Tert butyl alcohol	2.965	59	45448	162.807	ug/l	99
12) 1,1-Dichloroethene	2.337	96	61691	17.658	ug/l	97
13) Acrolein	2.251	56	27373	90.567	ug/l	98
14) Allyl chloride	2.684	41	120343	19.348	ug/l	99
15) Acrylonitrile	3.074	53	192637	119.356	ug/l	100
16) Acetone	2.391	43	155140	117.342	ug/l	98
17) Carbon Disulfide	2.532	76	124965	13.639	ug/l	98
18) Methyl Acetate	2.715	43	106167	30.466	ug/l	99
19) Methyl tert-butyl Ether	3.129	73	226902	22.999	ug/l	97
20) Methylene Chloride	2.806	84	75056	19.198	ug/l	98
21) trans-1,2-Dichloroethene	3.111	96	64223	17.965	ug/l	98
22) Diisopropyl ether	3.775	45	256906	21.379	ug/l	96
23) Vinyl Acetate	3.733	43	975222	108.326	ug/l	98
24) 1,1-Dichloroethane	3.623	63	132109	19.277	ug/l	99
25) 2-Butanone	4.568	43	241535	136.929	ug/l	98
26) 2,2-Dichloropropane	4.495	77	98068	19.227	ug/l	100
27) cis-1,2-Dichloroethene	4.507	96	84734	19.413	ug/l	98
28) Bromochloromethane	4.915	49	61188	18.091	ug/l	95
29) Tetrahydrofuran	5.019	42	152677	135.780	ug/l	99
30) Chloroform	5.104	83	139793	19.966	ug/l	97
31) Cyclohexane	5.482	56	111123	18.264	ug/l	95
32) 1,1,1-Trichloroethane	5.397	97	117326	20.057	ug/l	99
36) 1,1-Dichloropropene	5.708	75	91553	18.266	ug/l	99
37) Ethyl Acetate	4.732	43	95912	22.468	ug/l	98
38) Carbon Tetrachloride	5.690	117	97241	18.351	ug/l	99
39) Methylcyclohexane	7.384	83	109736	17.503	ug/l	99
40) Benzene	6.049	78	280563	18.507	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	55723	24.470	ug/l	99
42) 1,2-Dichloroethane	6.104	62	103517	20.109	ug/l	100
43) Isopropyl Acetate	6.348	43	160694	24.576	ug/l	99
44) Trichloroethene	7.135	130	69390	17.584	ug/l	94
45) 1,2-Dichloropropane	7.433	63	74701	19.503	ug/l	100
46) Dibromomethane	7.586	93	53271	20.074	ug/l	96
47) Bromodichloromethane	7.823	83	109233	19.277	ug/l	99
48) Methyl methacrylate	7.695	41	84251	24.954	ug/l	96
49) 1,4-Dioxane	7.665	88	21671	553.964	ug/l	94
51) 4-Methyl-2-Pentanone	8.573	43	526373	136.404	ug/l	98
52) Toluene	8.720	92	178806	19.034	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	103554	20.477	ug/l	96
54) cis-1,3-Dichloropropene	8.372	75	115124	19.944	ug/l	97
55) 1,1,2-Trichloroethane	9.152	97	73169	20.911	ug/l	98
56) Ethyl methacrylate	9.116	69	110706	22.859	ug/l	96
57) 1,3-Dichloropropane	9.311	76	123742	20.538	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	285968	104.797	ug/l	100
59) 2-Hexanone	9.433	43	360756	140.941	ug/l	100
60) Dibromochloromethane	9.518	129	79783	19.053	ug/l	99
61) 1,2-Dibromoethane	9.610	107	72648	20.673	ug/l	99
64) Tetrachloroethene	9.274	164	57157	17.464	ug/l	98
65) Chlorobenzene	10.079	112	201694	18.978	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.164	131	69777	19.530	ug/l	99
67) Ethyl Benzene	10.195	91	352718	19.379	ug/l	99
68) m/p-Xylenes	10.299	106	265041	38.645	ug/l	98
69) o-Xylene	10.640	106	130181	19.650	ug/l	99
70) Styrene	10.652	104	226617	19.994	ug/l	98
71) Bromoform	10.798	173	53339	20.079	ug/l #	100
73) Isopropylbenzene	10.963	105	353756	20.411	ug/l	99
74) N-amyl acetate	10.841	43	145739	24.745	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	111268	23.347	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	86885m	22.807	ug/l	
77) Bromobenzene	11.195	156	84072	19.474	ug/l	96
78) n-propylbenzene	11.305	91	415279	19.871	ug/l	99
79) 2-Chlorotoluene	11.365	91	246338	19.963	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	286868	20.370	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	30710	21.633	ug/l	94
82) 4-Chlorotoluene	11.451	91	288682	20.272	ug/l	99
83) tert-Butylbenzene	11.713	119	295179	20.294	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	291448	20.475	ug/l	98
85) sec-Butylbenzene	11.890	105	370037	20.178	ug/l	99
86) p-Isopropyltoluene	12.006	119	308064	20.060	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	159442	19.748	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	161561	19.227	ug/l	99
89) n-Butylbenzene	12.329	91	286179	19.832	ug/l	99
90) Hexachloroethane	12.536	117	49332	18.120	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	154014	19.685	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.938	75	20327	24.386	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	106027	19.947	ug/l	100
94) Hexachlorobutadiene	13.725	225	36465	18.191	ug/l	97
95) Naphthalene	13.774	128	335145	23.928	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	101316	20.173	ug/l	98

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

Manual Integrations

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TIC: VX047022.D\data.ms