

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051325\
 Data File : VX046158.D
 Acq On : 13 May 2025 12:02
 Operator : JC/MD
 Sample : VX0513WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0513WBS01

Quant Time: May 14 01:36:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050525W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 06 07:12:22 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/14/2025
 Supervised By : Mahesh Dadoda 05/14/2025

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	89387	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	160585	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	139963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64268	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	85824	51.501	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.000%			
35) Dibromofluoromethane	5.379	113	58619	50.692	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.380%			
50) Toluene-d8	8.647	98	200032	49.978	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.960%			
62) 4-Bromofluorobenzene	11.079	95	75677	49.293	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 98.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	27952	20.431	ug/l	99
3) Chloromethane	1.307	50	26480	19.959	ug/l	96
4) Vinyl Chloride	1.374	62	23484	19.019	ug/l	93
5) Bromomethane	1.593	94	10955	19.128	ug/l	94
6) Chloroethane	1.672	64	13846	21.005	ug/l	94
7) Trichlorofluoromethane	1.874	101	36765	20.146	ug/l	99
8) Diethyl Ether	2.136	74	12331	19.849	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.325	101	23297	20.629	ug/l	98
10) Methyl Iodide	2.447	142	24059	18.004	ug/l	100
11) Tert butyl alcohol	2.971	59	23811	101.791	ug/l	99
12) 1,1-Dichloroethene	2.313	96	20042	18.909	ug/l	93
13) Acrolein	2.233	56	34142	128.161	ug/l	96
14) Allyl chloride	2.654	41	40337	19.913	ug/l	96
15) Acrylonitrile	3.062	53	68205	101.969	ug/l	97
16) Acetone	2.386	43	66592	99.663	ug/l	98
17) Carbon Disulfide	2.502	76	44106	17.552	ug/l	99
18) Methyl Acetate	2.703	43	33890	21.857	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	73956	19.902	ug/l	98
20) Methylene Chloride	2.782	84	24173	18.879	ug/l	97
21) trans-1,2-Dichloroethene	3.087	96	20886	19.595	ug/l	99
22) Diisopropyl ether	3.757	45	80410	20.550	ug/l	91
23) Vinyl Acetate	3.721	43	342791	99.605	ug/l	100
24) 1,1-Dichloroethane	3.605	63	45109	20.698	ug/l	99
25) 2-Butanone	4.556	43	99596	102.672	ug/l	98
26) 2,2-Dichloropropane	4.471	77	31303	18.351	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	25631	19.975	ug/l	99
28) Bromochloromethane	4.891	49	24130	23.002	ug/l	98
29) Tetrahydrofuran	5.007	42	62866	103.423	ug/l	99
30) Chloroform	5.086	83	47728	21.011	ug/l	98
31) Cyclohexane	5.464	56	38655	19.464	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	39722	20.172	ug/l	99
36) 1,1-Dichloropropene	5.684	75	29635	19.074	ug/l	99
37) Ethyl Acetate	4.721	43	38117	19.857	ug/l	98
38) Carbon Tetrachloride	5.666	117	33949	19.447	ug/l	99
39) Methylcyclohexane	7.379	83	36172	18.083	ug/l	99
40) Benzene	6.038	78	90872	19.968	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21351	21.262	ug/l	99
42) 1,2-Dichloroethane	6.086	62	39742	20.234	ug/l	100
43) Isopropyl Acetate	6.342	43	56227	19.200	ug/l	100
44) Trichloroethene	7.123	130	20762	18.955	ug/l	99
45) 1,2-Dichloropropane	7.428	63	22765	20.117	ug/l	98
46) Dibromomethane	7.580	93	17712	19.845	ug/l	99
47) Bromodichloromethane	7.818	83	35560	20.229	ug/l	100
48) Methyl methacrylate	7.690	41	29941	20.019	ug/l	99
49) 1,4-Dioxane	7.659	88	11975	421.693	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	193351	99.466	ug/l	99
52) Toluene	8.714	92	55198	19.780	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	29751	19.041	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	33119	19.178	ug/l	99
55) 1,1,2-Trichloroethane	9.147	97	22155	20.135	ug/l	98
56) Ethyl methacrylate	9.116	69	35859	20.448	ug/l	97
57) 1,3-Dichloropropane	9.305	76	39143	19.808	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	94573	105.779	ug/l	100
59) 2-Hexanone	9.427	43	147202	102.355	ug/l	100
60) Dibromochloromethane	9.519	129	24008	19.867	ug/l	100
61) 1,2-Dibromoethane	9.604	107	22444	19.625	ug/l	98
64) Tetrachloroethene	9.269	164	19937	20.132	ug/l	96
65) Chlorobenzene	10.079	112	60473	19.740	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.159	131	20391	19.493	ug/l	99
67) Ethyl Benzene	10.189	91	105309	19.502	ug/l	99
68) m/p-Xylenes	10.299	106	76744	38.857	ug/l	98
69) o-Xylene	10.640	106	37747	19.604	ug/l	94
70) Styrene	10.653	104	63297	20.068	ug/l	98
71) Bromoform	10.799	173	15044	19.155	ug/l #	97
73) Isopropylbenzene	10.957	105	102305	20.447	ug/l	100
74) N-amyl acetate	10.842	43	48907	19.781	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	35099	20.018	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	30566m	19.759	ug/l	
77) Bromobenzene	11.195	156	22767	19.599	ug/l	98
78) n-propylbenzene	11.299	91	115599	19.870	ug/l	99
79) 2-Chlorotoluene	11.360	91	75050	20.000	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	86702	20.742	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8058	16.959	ug/l	89
82) 4-Chlorotoluene	11.451	91	83255	20.007	ug/l	99
83) tert-Butylbenzene	11.713	119	83637	19.864	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	87926	20.771	ug/l	100
85) sec-Butylbenzene	11.890	105	104073	20.131	ug/l	100
86) p-Isopropyltoluene	12.006	119	86044	20.164	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	41868	19.749	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	42098	19.444	ug/l	97
89) n-Butylbenzene	12.329	91	71304	19.049	ug/l	99
90) Hexachloroethane	12.536	117	14801	19.688	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	43655	20.520	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7903	20.346	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	22708	18.584	ug/l	99
94) Hexachlorobutadiene	13.725	225	10428	19.541	ug/l	98
95) Naphthalene	13.774	128	83959	18.735	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	23788	18.868	ug/l	99

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

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