

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052325\
 Data File : VX046337.D
 Acq On : 23 May 2025 12:10
 Operator : JC/MD
 Sample : VX0523WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0523WBSD01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/26/2025
 Supervised By : Mahesh Dadoda 05/26/2025

Quant Time: May 23 22:59:30 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

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	88781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	156018	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	138561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	64515	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	83078	50.193	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.380%			
35) Dibromofluoromethane	5.385	113	57411	51.100	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.200%			
50) Toluene-d8	8.647	98	195435	50.259	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.520%			
62) 4-Bromofluorobenzene	11.079	95	77206	51.761	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	25474	18.747	ug/l	97
3) Chloromethane	1.301	50	24413	18.526	ug/l	99
4) Vinyl Chloride	1.374	62	21369	17.424	ug/l	96
5) Bromomethane	1.599	94	9985	17.554	ug/l	97
6) Chloroethane	1.673	64	13061	19.949	ug/l	97
7) Trichlorofluoromethane	1.880	101	35491	19.581	ug/l	99
8) Diethyl Ether	2.136	74	11569	18.750	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	21961	19.579	ug/l	99
10) Methyl Iodide	2.447	142	24410	18.391	ug/l	99
11) Tert butyl alcohol	2.971	59	23549	101.358	ug/l	97
12) 1,1-Dichloroethene	2.313	96	19463	18.488	ug/l	97
13) Acrolein	2.233	56	25046	94.659	ug/l	98
14) Allyl chloride	2.660	41	39575	19.670	ug/l	97
15) Acrylonitrile	3.063	53	70219	105.696	ug/l	99
16) Acetone	2.380	43	66639	100.414	ug/l	99
17) Carbon Disulfide	2.508	76	35232	14.117	ug/l	100
18) Methyl Acetate	2.703	43	37985	24.666	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	76705	20.783	ug/l	98
20) Methylene Chloride	2.782	84	23632	18.582	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	19656	18.567	ug/l	97
22) Diisopropyl ether	3.757	45	82218	21.156	ug/l	94
23) Vinyl Acetate	3.721	43	343611	100.524	ug/l	100
24) 1,1-Dichloroethane	3.605	63	44347	20.487	ug/l	99
25) 2-Butanone	4.556	43	101697	105.553	ug/l	99
26) 2,2-Dichloropropane	4.471	77	33007	19.482	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	25739	20.196	ug/l	99
28) Bromochloromethane	4.891	49	22384	21.483	ug/l	97
29) Tetrahydrofuran	5.007	42	63143	104.588	ug/l	99
30) Chloroform	5.087	83	47399	21.008	ug/l	96
31) Cyclohexane	5.465	56	37631	19.078	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	39871	20.386	ug/l	99
36) 1,1-Dichloropropene	5.690	75	29850	19.774	ug/l	100
37) Ethyl Acetate	4.715	43	37140	19.914	ug/l	99
38) Carbon Tetrachloride	5.672	117	32350	19.073	ug/l	98
39) Methylcyclohexane	7.379	83	36232	18.644	ug/l	95
40) Benzene	6.031	78	90373	20.439	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	21497	22.034	ug/l	98
42) 1,2-Dichloroethane	6.080	62	39414	20.654	ug/l	99
43) Isopropyl Acetate	6.342	43	59852	21.036	ug/l	100
44) Trichloroethene	7.123	130	21039	19.770	ug/l	99
45) 1,2-Dichloropropane	7.428	63	23384	21.269	ug/l	98
46) Dibromomethane	7.580	93	17380	20.043	ug/l	99
47) Bromodichloromethane	7.818	83	34711	20.324	ug/l	94
48) Methyl methacrylate	7.690	41	31880	21.940	ug/l	99
49) 1,4-Dioxane	7.659	88	12226	443.135	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	203409	107.703	ug/l	100
52) Toluene	8.714	92	56025	20.664	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	29223	19.250	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	33496	19.964	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	23165	21.669	ug/l	96
56) Ethyl methacrylate	9.116	69	37300	21.892	ug/l	99
57) 1,3-Dichloropropane	9.305	76	40634	21.164	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	91224	105.020	ug/l	100
59) 2-Hexanone	9.427	43	154608	110.651	ug/l	99
60) Dibromochloromethane	9.519	129	23795	20.267	ug/l	97
61) 1,2-Dibromoethane	9.610	107	23433	21.090	ug/l	99
64) Tetrachloroethene	9.269	164	19788	20.184	ug/l	95
65) Chlorobenzene	10.080	112	60662	20.002	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	20600	19.892	ug/l	98
67) Ethyl Benzene	10.189	91	110710	20.709	ug/l	99
68) m/p-Xylenes	10.299	106	80300	41.069	ug/l	97
69) o-Xylene	10.640	106	40011	20.990	ug/l	94
70) Styrene	10.653	104	67035	21.468	ug/l	98
71) Bromoform	10.799	173	14390	18.508	ug/l #	97
73) Isopropylbenzene	10.957	105	108018	21.506	ug/l	100
74) N-amyl acetate	10.842	43	53653	21.617	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	37352	21.221	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	32701m	21.058	ug/l	
77) Bromobenzene	11.195	156	24128	20.692	ug/l	98
78) n-propylbenzene	11.299	91	122931	21.050	ug/l	100
79) 2-Chlorotoluene	11.360	91	78220	20.765	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	91615	21.833	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	8375	17.558	ug/l	89
82) 4-Chlorotoluene	11.451	91	88845	21.268	ug/l	99
83) tert-Butylbenzene	11.713	119	90311	21.367	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	92322	21.726	ug/l	99
85) sec-Butylbenzene	11.890	105	112789	21.734	ug/l	98
86) p-Isopropyltoluene	12.006	119	92615	21.620	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	43835	20.598	ug/l	98
88) 1,4-Dichlorobenzene	12.037	146	44676	20.556	ug/l	98
89) n-Butylbenzene	12.329	91	78814	20.975	ug/l	100
90) Hexachloroethane	12.536	117	14474	19.179	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	46803	21.916	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8003	20.524	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	26034	21.225	ug/l	97
94) Hexachlorobutadiene	13.725	225	10958	20.455	ug/l	97
95) Naphthalene	13.774	128	95806	21.296	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	26794	21.171	ug/l	98

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

