

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051525\
 Data File : VX046207.D
 Acq On : 15 May 2025 12:38
 Operator : JC/MD
 Sample : VX0515WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0515WBSD01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/16/2025
 Supervised By :Mahesh Dadoda 05/16/2025

Quant Time: May 16 01:04:03 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	5.544	168	86433	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	151750	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	132818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	63406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	79550	49.367	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.740%		
35) Dibromofluoromethane	5.379	113	53868	49.295	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.600%		
50) Toluene-d8	8.647	98	183312	48.467	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.940%		
62) 4-Bromofluorobenzene	11.079	95	69470	47.884	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	25515	19.287	ug/l	99
3) Chloromethane	1.307	50	24762	19.302	ug/l	100
4) Vinyl Chloride	1.374	62	21681	18.159	ug/l	95
5) Bromomethane	1.593	94	9877	17.835	ug/l	98
6) Chloroethane	1.672	64	12627	19.810	ug/l	97
7) Trichlorofluoromethane	1.880	101	34989	19.828	ug/l	100
8) Diethyl Ether	2.130	74	11888	19.790	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.319	101	21036	19.263	ug/l	99
10) Methyl Iodide	2.447	142	22364	17.308	ug/l	98
11) Tert butyl alcohol	2.971	59	24024	106.212	ug/l	99
12) 1,1-Dichloroethene	2.312	96	18359	17.913	ug/l	97
13) Acrolein	2.233	56	27271	105.868	ug/l	100
14) Allyl chloride	2.654	41	38911	19.865	ug/l	96
15) Acrylonitrile	3.062	53	69412	107.320	ug/l	99
16) Acetone	2.379	43	67256	104.097	ug/l	99
17) Carbon Disulfide	2.501	76	39144	16.110	ug/l	97
18) Methyl Acetate	2.703	43	35757	23.850	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	72291	20.119	ug/l	98
20) Methylene Chloride	2.782	84	23134	18.685	ug/l	95
21) trans-1,2-Dichloroethene	3.087	96	19577	18.994	ug/l	98
22) Diisopropyl ether	3.763	45	77299	20.430	ug/l	92
23) Vinyl Acetate	3.721	43	336307	101.060	ug/l	100
24) 1,1-Dichloroethane	3.605	63	42141	19.997	ug/l	99
25) 2-Butanone	4.556	43	100211	106.836	ug/l	98
26) 2,2-Dichloropropane	4.464	77	29004	17.584	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	24006	19.348	ug/l	97
28) Bromochloromethane	4.891	49	22927	22.602	ug/l	95
29) Tetrahydrofuran	5.001	42	62587	106.483	ug/l	99
30) Chloroform	5.080	83	45302	20.624	ug/l	98
31) Cyclohexane	5.464	56	35976	18.734	ug/l	94
32) 1,1,1-Trichloroethane	5.373	97	37721	19.811	ug/l	99
36) 1,1-Dichloropropene	5.690	75	27762	18.908	ug/l	98
37) Ethyl Acetate	4.721	43	35167	19.386	ug/l	99
38) Carbon Tetrachloride	5.665	117	31661	19.192	ug/l	99
39) Methylcyclohexane	7.379	83	33833	17.899	ug/l	96
40) Benzene	6.031	78	84839	19.727	ug/l	97

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41) Methacrylonitrile	4.916	41	20735m	21.851	ug/l	
42) 1,2-Dichloroethane	6.080	62	38367	20.671	ug/l	99
43) Isopropyl Acetate	6.336	43	56698	20.488	ug/l	99
44) Trichloroethene	7.123	130	19429	18.771	ug/l	90
45) 1,2-Dichloropropane	7.427	63	22755	21.279	ug/l	96
46) Dibromomethane	7.580	93	17222	20.419	ug/l	99
47) Bromodichloromethane	7.818	83	33648	20.256	ug/l	97
48) Methyl methacrylate	7.689	41	29938	21.183	ug/l	98
49) 1,4-Dioxane	7.659	88	12002	447.250	ug/l	99
51) 4-Methyl-2-Pentanone	8.573	43	200742	109.281	ug/l	99
52) Toluene	8.714	92	53123	20.145	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	27797	18.826	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	32007	19.613	ug/l	98
55) 1,1,2-Trichloroethane	9.147	97	22311	21.457	ug/l	94
56) Ethyl methacrylate	9.116	69	34224	20.651	ug/l	98
57) 1,3-Dichloropropane	9.305	76	39056	20.915	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.238	63	79190	93.730	ug/l	99
59) 2-Hexanone	9.427	43	150679	110.872	ug/l	98
60) Dibromochloromethane	9.518	129	23664	20.723	ug/l	98
61) 1,2-Dibromoethane	9.604	107	22730	21.032	ug/l	100
64) Tetrachloroethene	9.268	164	18090	19.250	ug/l	95
65) Chlorobenzene	10.079	112	56584	19.464	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	19745	19.891	ug/l	98
67) Ethyl Benzene	10.189	91	101083	19.726	ug/l	99
68) m/p-Xylenes	10.299	106	74126	39.551	ug/l	97
69) o-Xylene	10.640	106	36605	20.034	ug/l	94
70) Styrene	10.652	104	61379	20.507	ug/l	99
71) Bromoform	10.799	173	14833	19.903	ug/l #	99
73) Isopropylbenzene	10.957	105	99102	20.076	ug/l	99
74) N-amyl acetate	10.841	43	48533	19.897	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	35644	20.605	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	30553m	20.019	ug/l	
77) Bromobenzene	11.195	156	21783	19.007	ug/l	96
78) n-propylbenzene	11.299	91	111762	19.472	ug/l	100
79) 2-Chlorotoluene	11.360	91	71697	19.366	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	83897	20.344	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	8050	17.172	ug/l	90
82) 4-Chlorotoluene	11.451	91	80748	19.668	ug/l	98
83) tert-Butylbenzene	11.713	119	82463	19.851	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	84059	20.128	ug/l	99
85) sec-Butylbenzene	11.890	105	100420	19.689	ug/l	99
86) p-Isopropyltoluene	12.006	119	82720	19.648	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	40744	19.480	ug/l	98
88) 1,4-Dichlorobenzene	12.036	146	40250	18.843	ug/l	95
89) n-Butylbenzene	12.329	91	68030	18.422	ug/l	99
90) Hexachloroethane	12.536	117	14018	18.900	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	42944	20.461	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8016	20.917	ug/l	96
93) 1,2,4-Trichlorobenzene	13.585	180	22965	19.050	ug/l	97
94) Hexachlorobutadiene	13.725	225	10394	19.742	ug/l	98
95) Naphthalene	13.774	128	85011	19.227	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	24043	19.329	ug/l	98

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

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