

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032125\
 Data File : VX045378.D
 Acq On : 21 Mar 2025 11:15
 Operator : JC/MD
 Sample : VX0321WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0321WBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/24/2025
 Supervised By :Mahesh Dadoda 03/24/2025

Quant Time: Mar 21 23:11:04 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 28 06:45:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	96755	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	172413	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	151575	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67294	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84283	54.764	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 109.520%			
35) Dibromofluoromethane	5.379	113	62362	54.092	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.180%			
50) Toluene-d8	8.647	98	214191	51.247	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.500%			
62) 4-Bromofluorobenzene	11.079	95	75709	54.664	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 109.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21480	17.637	ug/l	98
3) Chloromethane	1.307	50	22820	15.311	ug/l	97
4) Vinyl Chloride	1.374	62	22773	15.402	ug/l	97
5) Bromomethane	1.593	94	10588	18.216	ug/l	97
6) Chloroethane	1.666	64	13149	19.280	ug/l	90
7) Trichlorofluoromethane	1.874	101	35122	17.944	ug/l	99
8) Diethyl Ether	2.136	74	12753	16.658	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	23148	20.585	ug/l	99
10) Methyl Iodide	2.447	142	25952	18.467	ug/l	95
11) Tert butyl alcohol	2.977	59	23822	81.717	ug/l	99
12) 1,1-Dichloroethene	2.313	96	21513	18.095	ug/l	98
13) Acrolein	2.233	56	21483	63.751	ug/l	99
14) Allyl chloride	2.660	41	41510	19.614	ug/l	95
15) Acrylonitrile	3.062	53	77525	99.226	ug/l	99
16) Acetone	2.386	43	71194	99.703	ug/l	96
17) Carbon Disulfide	2.502	76	44077	13.919	ug/l	97
18) Methyl Acetate	2.703	43	44730	26.039	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	76764	19.245	ug/l	99
20) Methylene Chloride	2.782	84	26573	18.787	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	21498	18.303	ug/l	91
22) Diisopropyl ether	3.763	45	82977	19.279	ug/l	93
23) Vinyl Acetate	3.721	43	341214	94.998	ug/l	97
24) 1,1-Dichloroethane	3.605	63	46682	19.353	ug/l	99
25) 2-Butanone	4.556	43	110748	103.037	ug/l	97
26) 2,2-Dichloropropane	4.471	77	31567	27.900	ug/l	95
27) cis-1,2-Dichloroethene	4.483	96	28067	19.357	ug/l	95
28) Bromochloromethane	4.897	49	19780	17.204	ug/l	97
29) Tetrahydrofuran	5.007	42	69505	96.293	ug/l	99
30) Chloroform	5.086	83	48407	20.197	ug/l	99
31) Cyclohexane	5.458	56	38272	18.278	ug/l	95
32) 1,1,1-Trichloroethane	5.379	97	39203	20.252	ug/l	97
36) 1,1-Dichloropropene	5.690	75	30230	19.120	ug/l	99
37) Ethyl Acetate	4.715	43	40284	19.773	ug/l	98
38) Carbon Tetrachloride	5.672	117	32250	20.091	ug/l	98
39) Methylcyclohexane	7.379	83	36277	19.149	ug/l	99
40) Benzene	6.031	78	95825	19.193	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	23213	21.072	ug/l	99
42) 1,2-Dichloroethane	6.086	62	38881	21.626	ug/l	97
43) Isopropyl Acetate	6.342	43	59503	19.752	ug/l	98
44) Trichloroethene	7.123	130	21906	18.686	ug/l	100
45) 1,2-Dichloropropane	7.434	63	24666	19.215	ug/l	96
46) Dibromomethane	7.580	93	18645	20.550	ug/l	97
47) Bromodichloromethane	7.818	83	36796	20.676	ug/l	97
48) Methyl methacrylate	7.690	41	31076	20.561	ug/l	93
49) 1,4-Dioxane	7.659	88	11706	367.178	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	217755	107.651	ug/l	98
52) Toluene	8.714	92	58017	19.806	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	29944	20.126	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	34903	20.118	ug/l	91
55) 1,1,2-Trichloroethane	9.153	97	24624	20.419	ug/l	96
56) Ethyl methacrylate	9.116	69	36468	19.895	ug/l	92
57) 1,3-Dichloropropane	9.305	76	41844	20.051	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.238	63	82742	92.534	ug/l	99
59) 2-Hexanone	9.427	43	156185	106.568	ug/l	98
60) Dibromochloromethane	9.519	129	26419	20.953	ug/l	100
61) 1,2-Dibromoethane	9.610	107	24108	20.026	ug/l	98
64) Tetrachloroethene	9.275	164	19136	19.712	ug/l	95
65) Chlorobenzene	10.079	112	62607	19.520	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.159	131	20934	19.599	ug/l	99
67) Ethyl Benzene	10.189	91	111231	19.903	ug/l	99
68) m/p-Xylenes	10.299	106	81773	39.971	ug/l	96
69) o-Xylene	10.640	106	40780	19.764	ug/l	97
70) Styrene	10.652	104	67582	20.243	ug/l	98
71) Bromoform	10.799	173	16152	20.054	ug/l #	98
73) Isopropylbenzene	10.957	105	106888	20.350	ug/l	99
74) N-amyl acetate	10.841	43	48367	19.624	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.207	83	39325	20.402	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	31150m	19.888	ug/l	
77) Bromobenzene	11.195	156	24014	19.377	ug/l	96
78) n-propylbenzene	11.299	91	122726	20.684	ug/l	97
79) 2-Chlorotoluene	11.360	91	75398	19.953	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	88815	20.912	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	8915	19.479	ug/l	85
82) 4-Chlorotoluene	11.451	91	83886	20.369	ug/l	100
83) tert-Butylbenzene	11.713	119	88650	20.315	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	88039	20.602	ug/l	97
85) sec-Butylbenzene	11.890	105	111484	21.328	ug/l	99
86) p-Isopropyltoluene	12.006	119	87777	20.779	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	42267	19.118	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	43137	19.286	ug/l	98
89) n-Butylbenzene	12.329	91	75986	20.885	ug/l	99
90) Hexachloroethane	12.536	117	15167	19.850	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	43534	19.630	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	7492	19.952	ug/l	91
93) 1,2,4-Trichlorobenzene	13.585	180	23239	18.403	ug/l	98
94) Hexachlorobutadiene	13.725	225	10353	19.997	ug/l	98
95) Naphthalene	13.774	128	90512	18.655	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	24680	18.526	ug/l	99

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

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