

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072125\
 Data File : VX047055.D
 Acq On : 21 Jul 2025 09:47
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/22/2025
 Supervised By : Mahesh Dadoda 07/22/2025

Quant Time: Jul 22 03:35:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072125W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 22 03:35:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	337975	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	582229	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	522701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	266871	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	78 - 117	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	92 - 112	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.185	85	3490	0.777	ug/l	87
3) Chloromethane	1.307	50	3931	0.885	ug/l #	86
4) Vinyl Chloride	1.392	62	3909	0.819	ug/l	94
6) Chloroethane	1.709	64	3698	1.180	ug/l	95
7) Trichlorofluoromethane	1.910	101	5767	0.810	ug/l	91
8) Diethyl Ether	2.154	74	2227	0.887	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.349	101	3769	0.879	ug/l	98
12) 1,1-Dichloroethene	2.343	96	3739	0.880	ug/l	94
14) Allyl chloride	2.684	41	6361	0.829	ug/l	86
15) Acrylonitrile	3.087	53	7013	3.493	ug/l	86
16) Acetone	2.392	43	9071	5.378	ug/l #	88
17) Carbon Disulfide	2.532	76	11039	0.898	ug/l #	91
18) Methyl Acetate	2.715	43	4440	0.991	ug/l #	68
19) Methyl tert-butyl Ether	3.130	73	11087	0.858	ug/l	98
20) Methylene Chloride	2.800	84	4289	0.924	ug/l #	91
21) trans-1,2-Dichloroethene	3.111	96	3590	0.826	ug/l #	92
22) Diisopropyl ether	3.776	45	12222	0.828	ug/l	92
23) Vinyl Acetate	3.739	43	45048	3.805	ug/l	100
24) 1,1-Dichloroethane	3.629	63	7054	0.859	ug/l #	94
25) 2-Butanone	4.617	43	10725	4.367	ug/l	99
26) 2,2-Dichloropropane	4.495	77	5905	0.929	ug/l	88
27) cis-1,2-Dichloroethene	4.501	96	4527	0.880	ug/l	84
28) Bromochloromethane	4.916	49	3092	0.819	ug/l #	98
29) Tetrahydrofuran	5.032	42	6164	3.890	ug/l #	87
30) Chloroform	5.111	83	7976	0.955	ug/l	86
32) 1,1,1-Trichloroethane	5.397	97	6496	0.895	ug/l #	51
36) 1,1-Dichloropropene	5.708	75	6705	1.094	ug/l #	87
37) Ethyl Acetate	4.751	43	5770m	1.068	ug/l	
38) Carbon Tetrachloride	5.696	117	6120	0.936	ug/l	96
39) Methylcyclohexane	7.379	83	6794	0.888	ug/l	90
40) Benzene	6.050	78	15450	0.871	ug/l	91
41) Methacrylonitrile	4.971	41	2166	0.734	ug/l #	74
42) 1,2-Dichloroethane	6.105	62	5449	0.872	ug/l	98
43) Isopropyl Acetate	6.367	43	6134	0.697	ug/l #	94
44) Trichloroethene	7.147	130	4075	0.896	ug/l	62
45) 1,2-Dichloropropane	7.440	63	3895	0.877	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	7.592	93	2372	0.762	ug/l	88
47) Bromodichloromethane	7.830	83	5749	0.867	ug/l #	87
48) Methyl methacrylate	7.714	41	4863m	1.014	ug/l	
49) 1,4-Dioxane	7.684	88	700m	12.834	ug/l	
51) 4-Methyl-2-Pentanone	8.580	43	21616	4.131	ug/l	95
52) Toluene	8.726	92	8872	0.814	ug/l	96
53) t-1,3-Dichloropropene	8.994	75	4993	0.798	ug/l	93
54) cis-1,3-Dichloropropene	8.379	75	5149	0.751	ug/l #	73
55) 1,1,2-Trichloroethane	9.153	97	3490	0.853	ug/l #	88
56) Ethyl methacrylate	9.128	69	3978	0.657	ug/l	91
57) 1,3-Dichloropropane	9.311	76	6170	0.868	ug/l #	88
58) 2-Chloroethyl Vinyl ether	8.251	63	11010	3.268	ug/l	98
59) 2-Hexanone	9.439	43	11200	3.240	ug/l	87
60) Dibromochloromethane	9.525	129	3998	0.834	ug/l	91
61) 1,2-Dibromoethane	9.616	107	3885	0.909	ug/l	98
64) Tetrachloroethene	9.275	164	3363	0.892	ug/l #	90
65) Chlorobenzene	10.080	112	10754	0.878	ug/l #	80
66) 1,1,1,2-Tetrachloroethane	10.165	131	3699	0.897	ug/l #	64
67) Ethyl Benzene	10.195	91	18959	0.886	ug/l	100
68) m/p-Xylenes	10.299	106	14496	1.809	ug/l	94
69) o-Xylene	10.640	106	6125	0.804	ug/l	91
70) Styrene	10.659	104	10704	0.819	ug/l	93
71) Bromoform	10.799	173	2687	0.858	ug/l #	97
73) Isopropylbenzene	10.964	105	16971	0.806	ug/l	100
74) N-amyl acetate	10.848	43	6726m	0.801	ug/l	
75) 1,1,2,2-Tetrachloroethane	11.213	83	5223	0.868	ug/l	96
76) 1,2,3-Trichloropropane	11.244	75	4019m	0.814	ug/l	
77) Bromobenzene	11.201	156	4251	0.842	ug/l	94
78) n-propylbenzene	11.305	91	20259	0.805	ug/l	99
79) 2-Chlorotoluene	11.366	91	12959	0.862	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	14083	0.810	ug/l	98
82) 4-Chlorotoluene	11.457	91	14521	0.827	ug/l	97
83) tert-Butylbenzene	11.713	119	14652	0.839	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	13354	0.770	ug/l	98
85) sec-Butylbenzene	11.890	105	17765	0.814	ug/l	95
86) p-Isopropyltoluene	12.006	119	14016	0.775	ug/l	89
87) 1,3-Dichlorobenzene	11.969	146	8335	0.869	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	8857m	0.911	ug/l	
89) n-Butylbenzene	12.329	91	14116	0.832	ug/l	95
90) Hexachloroethane	12.536	117	2772	0.857	ug/l	90
91) 1,2-Dichlorobenzene	12.335	146	8184	0.892	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.945	75	749	0.649	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	4906	0.810	ug/l	98
94) Hexachlorobutadiene	13.725	225	1785	0.866	ug/l	98
95) Naphthalene	13.780	128	12647	0.712	ug/l	97
96) 1,2,3-Trichlorobenzene	13.963	180	4936	0.846	ug/l	95

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

