

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040725\
 Data File : VX045618.D
 Acq On : 07 Apr 2025 11:00
 Operator : JC/MD
 Sample : VX0407WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0407WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/08/2025
 Supervised By : Mahesh Dadoda 04/08/2025

Quant Time: Apr 08 01:34:48 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	93507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	162585	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	145391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	67274	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86754	50.733	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.460%			
35) Dibromofluoromethane	5.379	113	58627	50.823	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.640%			
50) Toluene-d8	8.647	98	205510	51.042	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.080%			
62) 4-Bromofluorobenzene	11.079	95	77176	52.623	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28256	20.206	ug/l	97
3) Chloromethane	1.307	50	26379	18.362	ug/l	98
4) Vinyl Chloride	1.374	62	24396	18.556	ug/l	99
5) Bromomethane	1.593	94	11442	18.355	ug/l	100
6) Chloroethane	1.666	64	13473	19.315	ug/l	98
7) Trichlorofluoromethane	1.874	101	37936	19.350	ug/l	96
8) Diethyl Ether	2.130	74	12915	19.621	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.319	101	22715	19.772	ug/l	98
10) Methyl Iodide	2.447	142	26869	18.751	ug/l	97
11) Tert butyl alcohol	2.971	59	22868	99.508	ug/l	97
12) 1,1-Dichloroethene	2.306	96	21168	18.857	ug/l	99
13) Acrolein	2.233	56	35924	113.516	ug/l	100
14) Allyl chloride	2.654	41	40789	19.151	ug/l	98
15) Acrylonitrile	3.062	53	73196	100.900	ug/l	99
16) Acetone	2.380	43	68241	97.185	ug/l	98
17) Carbon Disulfide	2.502	76	48814	17.606	ug/l	98
18) Methyl Acetate	2.703	43	34680	21.452	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	76336	19.439	ug/l	98
20) Methylene Chloride	2.782	84	25518	19.412	ug/l	98
21) trans-1,2-Dichloroethene	3.087	96	21273	18.549	ug/l	100
22) Diisopropyl ether	3.764	45	80682	19.230	ug/l	98
23) Vinyl Acetate	3.715	43	356046	98.220	ug/l	99
24) 1,1-Dichloroethane	3.605	63	44356	18.694	ug/l	97
25) 2-Butanone	4.556	43	104492	101.662	ug/l	98
26) 2,2-Dichloropropane	4.465	77	31982	20.862	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	26011	18.616	ug/l	97
28) Bromochloromethane	4.891	49	22978	20.040	ug/l	98
29) Tetrahydrofuran	5.001	42	65156	97.776	ug/l	99
30) Chloroform	5.086	83	47624	19.506	ug/l	96
31) Cyclohexane	5.464	56	38905	18.547	ug/l	97
32) 1,1,1-Trichloroethane	5.373	97	39618	19.177	ug/l	100
36) 1,1-Dichloropropene	5.684	75	30465	19.560	ug/l	100
37) Ethyl Acetate	4.721	43	38899	19.818	ug/l	99
38) Carbon Tetrachloride	5.666	117	33248	19.752	ug/l	98
39) Methylcyclohexane	7.373	83	38177	19.996	ug/l	96
40) Benzene	6.031	78	91150	19.162	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	21271	20.539	ug/l	99
42) 1,2-Dichloroethane	6.080	62	39959	20.339	ug/l	100
43) Isopropyl Acetate	6.342	43	58786	19.761	ug/l	99
44) Trichloroethene	7.123	130	21729	19.219	ug/l	88
45) 1,2-Dichloropropane	7.421	63	23702	19.970	ug/l	98
46) Dibromomethane	7.580	93	18716	20.542	ug/l	99
47) Bromodichloromethane	7.818	83	36649	20.142	ug/l	99
48) Methyl methacrylate	7.690	41	31907	20.773	ug/l	97
49) 1,4-Dioxane	7.659	88	11975	430.912	ug/l	97
51) 4-Methyl-2-Pentanone	8.568	43	211251	107.120	ug/l	98
52) Toluene	8.714	92	55720	19.358	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	31005	19.198	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	34423	20.132	ug/l	94
55) 1,1,2-Trichloroethane	9.147	97	23192	20.220	ug/l	98
56) Ethyl methacrylate	9.116	69	35299	19.886	ug/l	97
57) 1,3-Dichloropropane	9.305	76	40797	20.426	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	87486	97.427	ug/l	100
59) 2-Hexanone	9.427	43	153590	105.171	ug/l	99
60) Dibromochloromethane	9.519	129	26035	20.821	ug/l	97
61) 1,2-Dibromoethane	9.604	107	23509	20.247	ug/l	98
64) Tetrachloroethene	9.269	164	20605	20.073	ug/l	94
65) Chlorobenzene	10.079	112	60863	19.590	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.159	131	20941	19.415	ug/l	100
67) Ethyl Benzene	10.189	91	107790	19.372	ug/l	96
68) m/p-Xylenes	10.299	106	80662	39.857	ug/l	99
69) o-Xylene	10.640	106	39467	19.797	ug/l	100
70) Styrene	10.653	104	64968	19.745	ug/l	98
71) Bromoform	10.799	173	16188	20.100	ug/l #	99
73) Isopropylbenzene	10.957	105	103110	19.134	ug/l	99
74) N-amyl acetate	10.842	43	48934	18.984	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	36638	19.355	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	31763m	19.356	ug/l	
77) Bromobenzene	11.195	156	23480	18.858	ug/l	98
78) n-propylbenzene	11.299	91	121267	19.537	ug/l	100
79) 2-Chlorotoluene	11.360	91	75840	19.113	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	87725	19.687	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8584	17.754	ug/l	89
82) 4-Chlorotoluene	11.451	91	85085	19.232	ug/l	99
83) tert-Butylbenzene	11.713	119	84926	19.251	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	88466	19.780	ug/l	99
85) sec-Butylbenzene	11.890	105	107778	19.891	ug/l	99
86) p-Isopropyltoluene	12.006	119	88276	19.761	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	43318	19.113	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	42759	18.610	ug/l	97
89) n-Butylbenzene	12.329	91	74035	19.112	ug/l	99
90) Hexachloroethane	12.536	117	15028	19.575	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	42539	18.878	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	8100	20.460	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	22882	18.243	ug/l	99
94) Hexachlorobutadiene	13.725	225	10556	19.531	ug/l	98
95) Naphthalene	13.774	128	86377	18.506	ug/l	99
96) 1,2,3-Trichlorobenzene	13.957	180	23845	18.156	ug/l	99

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

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