

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040425\
 Data File : VX045589.D
 Acq On : 04 Apr 2025 11:14
 Operator : JC/MD
 Sample : VX0404WBS01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0404WBS01

Quant Time: Apr 04 23:10:41 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

Manual Integrations APPROVED

Reviewed By : John Carlone 04/07/2025
 Supervised By : Mahesh Dadoda 04/07/2025

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

Internal Standards						
1) Pentafluorobenzene	5.549	168	95127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	168453	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	151744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	66584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	91980	52.873	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.740%			
35) Dibromofluoromethane	5.385	113	63679	53.280	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.560%			
50) Toluene-d8	8.646	98	221910	53.195	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.400%			
62) 4-Bromofluorobenzene	11.079	95	80880	53.227	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 106.460%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	30356	21.338	ug/l	98
3) Chloromethane	1.306	50	28046	19.190	ug/l	97
4) Vinyl Chloride	1.373	62	26269	19.640	ug/l	99
5) Bromomethane	1.593	94	12147	19.154	ug/l	100
6) Chloroethane	1.666	64	14563	20.522	ug/l	98
7) Trichlorofluoromethane	1.873	101	40168	20.139	ug/l	95
8) Diethyl Ether	2.135	74	13256	19.796	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.318	101	23531	20.134	ug/l	98
10) Methyl Iodide	2.446	142	27472	18.845	ug/l	97
11) Tert butyl alcohol	2.971	59	22553	96.466	ug/l	99
12) 1,1-Dichloroethene	2.312	96	22114	19.364	ug/l	97
13) Acrolein	2.233	56	35297	109.636	ug/l	96
14) Allyl chloride	2.660	41	42970	19.831	ug/l	99
15) Acrylonitrile	3.062	53	73835	100.048	ug/l	99
16) Acetone	2.379	43	71844	100.574	ug/l	95
17) Carbon Disulfide	2.507	76	51789	18.361	ug/l	100
18) Methyl Acetate	2.702	43	33157	20.160	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	77491	19.397	ug/l	98
20) Methylene Chloride	2.782	84	26080	19.502	ug/l	98
21) trans-1,2-Dichloroethene	3.086	96	22921	19.646	ug/l	95
22) Diisopropyl ether	3.757	45	82229	19.265	ug/l #	85
23) Vinyl Acetate	3.721	43	363855	98.665	ug/l	99
24) 1,1-Dichloroethane	3.605	63	46953	19.451	ug/l	99
25) 2-Butanone	4.556	43	106093	101.462	ug/l	99
26) 2,2-Dichloropropane	4.464	77	32865	21.073	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	27229	19.156	ug/l	99
28) Bromochloromethane	4.891	49	23795	20.399	ug/l	97
29) Tetrahydrofuran	5.007	42	66295	97.791	ug/l	99
30) Chloroform	5.086	83	49173	19.797	ug/l	94
31) Cyclohexane	5.464	56	41598	19.493	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	41502	19.747	ug/l	98
36) 1,1-Dichloropropene	5.684	75	31963	19.807	ug/l	98
37) Ethyl Acetate	4.714	43	38551	18.957	ug/l	99
38) Carbon Tetrachloride	5.671	117	35237	20.204	ug/l	95
39) Methylcyclohexane	7.372	83	39542	19.990	ug/l	95
40) Benzene	6.031	78	97905	19.865	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	22088	20.585	ug/l	98
42) 1,2-Dichloroethane	6.086	62	41452	20.364	ug/l	100
43) Isopropyl Acetate	6.342	43	59314	19.244	ug/l	99
44) Trichloroethene	7.122	130	22535	19.237	ug/l	89
45) 1,2-Dichloropropane	7.427	63	24353	19.804	ug/l	92
46) Dibromomethane	7.580	93	19189	20.328	ug/l	98
47) Bromodichloromethane	7.817	83	37575	19.932	ug/l	96
48) Methyl methacrylate	7.689	41	31993	20.104	ug/l	99
49) 1,4-Dioxane	7.659	88	11949	414.998	ug/l	98
51) 4-Methyl-2-Pentanone	8.573	43	209485	102.524	ug/l	99
52) Toluene	8.714	92	58522	19.623	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	30749	18.474	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	35158	19.846	ug/l	96
55) 1,1,2-Trichloroethane	9.152	97	24341	20.482	ug/l	95
56) Ethyl methacrylate	9.116	69	36657	19.931	ug/l	98
57) 1,3-Dichloropropane	9.305	76	42216	20.400	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	95516	102.664	ug/l	99
59) 2-Hexanone	9.427	43	152877	101.036	ug/l	98
60) Dibromochloromethane	9.518	129	25841	19.946	ug/l	99
61) 1,2-Dibromoethane	9.610	107	23976	19.930	ug/l	100
64) Tetrachloroethene	9.274	164	21048	19.646	ug/l	97
65) Chlorobenzene	10.079	112	63546	19.598	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	22150	19.676	ug/l	97
67) Ethyl Benzene	10.189	91	113903	19.613	ug/l	98
68) m/p-Xylenes	10.299	106	82893	39.245	ug/l	99
69) o-Xylene	10.640	106	41423	19.908	ug/l	99
70) Styrene	10.652	104	68156	19.846	ug/l	98
71) Bromoform	10.799	173	15776	18.768	ug/l #	96
73) Isopropylbenzene	10.963	105	109126	20.461	ug/l	100
74) N-amyl acetate	10.841	43	49771	19.508	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	37577	20.056	ug/l	96
76) 1,2,3-Trichloropropane	11.237	75	31448m	19.363	ug/l	
77) Bromobenzene	11.195	156	25007	20.293	ug/l	98
78) n-propylbenzene	11.298	91	126822	20.644	ug/l	99
79) 2-Chlorotoluene	11.359	91	78774	20.058	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	91980	20.856	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	8789	18.366	ug/l	95
82) 4-Chlorotoluene	11.451	91	90453	20.657	ug/l	100
83) tert-Butylbenzene	11.713	119	88794	20.336	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	91248	20.614	ug/l	99
85) sec-Butylbenzene	11.890	105	111812	20.849	ug/l	100
86) p-Isopropyltoluene	12.006	119	90695	20.513	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	44092	19.656	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	44331	19.494	ug/l	98
89) n-Butylbenzene	12.329	91	77639	20.250	ug/l	99
90) Hexachloroethane	12.536	117	15371	20.229	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	44325	19.875	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	7932	20.243	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	23660	19.059	ug/l	97
94) Hexachlorobutadiene	13.725	225	10408	19.457	ug/l	97
95) Naphthalene	13.774	128	87543	18.950	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	24870	19.132	ug/l	97

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

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