

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX043025\
 Data File : VX045985.D
 Acq On : 30 Apr 2025 10:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: May 01 03:35:03 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	5.549	168	83019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.750	114	141256	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	122754	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	60558	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	80995	53.349	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 106.700%	
35) Dibromofluoromethane	5.373	113	57222	57.096	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 114.200%	
50) Toluene-d8	8.646	98	181740	51.954	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.900%	
62) 4-Bromofluorobenzene	11.079	95	72535	56.926	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 113.860%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.166	85	61470	49.511	ug/l	97
3) Chloromethane	1.306	50	62142	48.720	ug/l	98
4) Vinyl Chloride	1.373	62	59100	50.631	ug/l	99
5) Bromomethane	1.593	94	27831	50.285	ug/l	99
6) Chloroethane	1.666	64	33319	53.801	ug/l	98
7) Trichlorofluoromethane	1.873	101	96541	55.463	ug/l	100
8) Diethyl Ether	2.129	74	32208	55.114	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.318	101	59765	58.595	ug/l	97
10) Methyl Iodide	2.446	142	67042	52.697	ug/l	98
11) Tert butyl alcohol	2.971	59	58258	285.531	ug/l	98
12) 1,1-Dichloroethene	2.306	96	53649	53.830	ug/l	99
13) Acrolein	2.233	56	70105	249.511	ug/l	99
14) Allyl chloride	2.654	41	107014	56.591	ug/l	99
15) Acrylonitrile	3.062	53	180191	279.773	ug/l	99
16) Acetone	2.379	43	171103	274.460	ug/l	98
17) Carbon Disulfide	2.501	76	118522	48.149	ug/l	100
18) Methyl Acetate	2.702	43	102006	71.068	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	197424	56.627	ug/l	99
20) Methylene Chloride	2.782	84	62273	53.357	ug/l	97
21) trans-1,2-Dichloroethene	3.080	96	54085	53.118	ug/l	96
22) Diisopropyl ether	3.757	45	210737	56.574	ug/l	97
23) Vinyl Acetate	3.714	43	900723	279.868	ug/l	100
24) 1,1-Dichloroethane	3.599	63	115868	55.001	ug/l	99
25) 2-Butanone	4.550	43	260657	285.635	ug/l	98
26) 2,2-Dichloropropane	4.464	77	89561	65.801	ug/l	100
27) cis-1,2-Dichloroethene	4.476	96	66980	53.994	ug/l	96
28) Bromochloromethane	4.891	49	51886	50.967	ug/l	99
29) Tetrahydrofuran	5.001	42	163973	277.150	ug/l	99
30) Chloroform	5.086	83	122387	56.460	ug/l	96
31) Cyclohexane	5.458	56	97974	52.607	ug/l	96
32) 1,1,1-Trichloroethane	5.373	97	105967	57.773	ug/l	98
36) 1,1-Dichloropropene	5.684	75	77142	57.008	ug/l	98
37) Ethyl Acetate	4.708	43	95465	55.982	ug/l	100
38) Carbon Tetrachloride	5.665	117	89240	61.020	ug/l	95
39) Methylcyclohexane	7.372	83	96485	58.168	ug/l	96
40) Benzene	6.031	78	230095	55.676	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.915	41	55285	61.444	ug/l	98
42) 1,2-Dichloroethane	6.080	62	101162	59.265	ug/l	99
43) Isopropyl Acetate	6.336	43	152975	59.187	ug/l	99
44) Trichloroethene	7.116	130	53879	54.850	ug/l	89
45) 1,2-Dichloropropane	7.421	63	59913	58.102	ug/l	96
46) Dibromomethane	7.573	93	45762	57.812	ug/l	99
47) Bromodichloromethane	7.817	83	93621	59.224	ug/l	99
48) Methyl methacrylate	7.689	41	80498	60.322	ug/l	98
49) 1,4-Dioxane	7.653	88	28230	1169.224	ug/l	96
51) 4-Methyl-2-Pentanone	8.567	43	523428	305.494	ug/l	99
52) Toluene	8.713	92	141515	56.589	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	83909	54.959	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	93412	62.882	ug/l	97
55) 1,1,2-Trichloroethane	9.146	97	57721	57.923	ug/l	97
56) Ethyl methacrylate	9.116	69	93271	60.478	ug/l	99
57) 1,3-Dichloropropane	9.305	76	101237	58.340	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	225591	289.158	ug/l	100
59) 2-Hexanone	9.427	43	385019	303.451	ug/l	100
60) Dibromochloromethane	9.518	129	67023	61.693	ug/l	99
61) 1,2-Dibromoethane	9.604	107	59506	58.989	ug/l	99
64) Tetrachloroethene	9.268	164	48815	56.324	ug/l	98
65) Chlorobenzene	10.073	112	152893	58.288	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.158	131	53762	59.035	ug/l	99
67) Ethyl Benzene	10.189	91	277323	59.031	ug/l	100
68) m/p-Xylenes	10.299	106	203329	118.999	ug/l	100
69) o-Xylene	10.640	106	97759	58.079	ug/l	96
70) Styrene	10.652	104	168026	60.482	ug/l	99
71) Bromoform	10.798	173	43749	64.339	ug/l #	98
73) Isopropylbenzene	10.957	105	270422	55.748	ug/l	100
74) N-amyl acetate	10.841	43	131755	56.782	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	89373	52.449	ug/l	99
76) 1,2,3-Trichloropropane	11.237	75	79337m	53.709	ug/l	
77) Bromobenzene	11.195	156	61170	54.578	ug/l	99
78) n-propylbenzene	11.298	91	319585	57.199	ug/l	100
79) 2-Chlorotoluene	11.359	91	194891	54.562	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	228624	56.997	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	25105	57.681	ug/l	98
82) 4-Chlorotoluene	11.451	91	226967	56.991	ug/l	100
83) tert-Butylbenzene	11.713	119	225892	56.883	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	230007	57.131	ug/l	99
85) sec-Butylbenzene	11.890	105	285093	58.450	ug/l	99
86) p-Isopropyltoluene	12.006	119	236921	58.918	ug/l	100
87) 1,3-Dichlorobenzene	11.963	146	113784	55.772	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	113296	54.777	ug/l	99
89) n-Butylbenzene	12.329	91	214265	61.446	ug/l	99
90) Hexachloroethane	12.536	117	41970	60.731	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	111483	54.962	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.938	75	21144	59.332	ug/l	97
93) 1,2,4-Trichlorobenzene	13.585	180	64311	56.960	ug/l	100
94) Hexachlorobutadiene	13.725	225	29367	60.361	ug/l	97
95) Naphthalene	13.774	128	237119	56.435	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	67453	57.054	ug/l	100

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

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