

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041425\
 Data File : VX045755.D
 Acq On : 14 Apr 2025 09:50
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 04/15/2025
 Supervised By :Mahesh Dadoda 04/15/2025

Quant Time: Apr 15 01:26:12 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	5.538	168	95673	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.751	114	163598	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	144325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	69351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	83430	47.685	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.360%		
35) Dibromofluoromethane	5.379	113	57961	49.935	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.860%		
50) Toluene-d8	8.647	98	195663	48.295	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.600%		
62) 4-Bromofluorobenzene	11.079	95	75412	51.102	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	102.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	76558	53.508	ug/l	99
3) Chloromethane	1.301	50	70245	47.789	ug/l	98
4) Vinyl Chloride	1.374	62	64467	47.924	ug/l	99
5) Bromomethane	1.593	94	28480	44.652	ug/l	100
6) Chloroethane	1.660	64	33383	46.775	ug/l	100
7) Trichlorofluoromethane	1.867	101	100609	50.156	ug/l	98
8) Diethyl Ether	2.130	74	33460	49.684	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.319	101	60895	51.806	ug/l	98
10) Methyl Iodide	2.441	142	70005	47.748	ug/l	97
11) Tert butyl alcohol	2.983	59	58856	250.309	ug/l	98
12) 1,1-Dichloroethene	2.306	96	55655	48.457	ug/l	99
13) Acrolein	2.233	56	78231	241.606	ug/l	99
14) Allyl chloride	2.654	41	109749	50.361	ug/l	100
15) Acrylonitrile	3.062	53	181035	243.906	ug/l	99
16) Acetone	2.386	43	171672	238.951	ug/l	98
17) Carbon Disulfide	2.502	76	125744	44.327	ug/l	100
18) Methyl Acetate	2.703	43	94280	56.997	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	203852	50.737	ug/l	99
20) Methylene Chloride	2.782	84	64856	48.220	ug/l	99
21) trans-1,2-Dichloroethene	3.081	96	56412	48.076	ug/l	99
22) Diisopropyl ether	3.757	45	216534	50.441	ug/l	98
23) Vinyl Acetate	3.715	43	931076	251.035	ug/l	100
24) 1,1-Dichloroethane	3.599	63	118449	48.790	ug/l	100
25) 2-Butanone	4.550	43	258577	245.878	ug/l	99
26) 2,2-Dichloropropane	4.465	77	91501	58.335	ug/l	100
27) cis-1,2-Dichloroethene	4.477	96	68392	47.841	ug/l	96
28) Bromochloromethane	4.891	49	55323	47.156	ug/l	98
29) Tetrahydrofuran	5.001	42	163266	239.457	ug/l	99
30) Chloroform	5.086	83	124464	49.824	ug/l	97
31) Cyclohexane	5.458	56	100051	46.617	ug/l	99
32) 1,1,1-Trichloroethane	5.373	97	108272	51.222	ug/l	99
36) 1,1-Dichloropropene	5.678	75	78944	50.372	ug/l	99
37) Ethyl Acetate	4.708	43	95784	48.498	ug/l	99
38) Carbon Tetrachloride	5.672	117	91354	53.935	ug/l	95
39) Methylcyclohexane	7.373	83	98580	51.314	ug/l	97
40) Benzene	6.025	78	235268	49.153	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	56265	53.993	ug/l	99
42) 1,2-Dichloroethane	6.080	62	104222	52.719	ug/l	99
43) Isopropyl Acetate	6.336	43	156737	52.361	ug/l	100
44) Trichloroethene	7.123	130	57061	50.156	ug/l	98
45) 1,2-Dichloropropane	7.421	63	60411	50.585	ug/l	98
46) Dibromomethane	7.574	93	47226	51.514	ug/l	99
47) Bromodichloromethane	7.818	83	97522	53.266	ug/l	98
48) Methyl methacrylate	7.690	41	81782	52.915	ug/l	98
49) 1,4-Dioxane	7.659	88	29104	1040.803	ug/l	98
51) 4-Methyl-2-Pentanone	8.568	43	520228	262.161	ug/l	100
52) Toluene	8.714	92	144493	49.889	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	86380	49.105	ug/l	99
54) cis-1,3-Dichloropropene	8.360	75	94847	55.128	ug/l	96
55) 1,1,2-Trichloroethane	9.147	97	58117	50.356	ug/l	97
56) Ethyl methacrylate	9.116	69	94217	52.749	ug/l	99
57) 1,3-Dichloropropane	9.305	76	102214	50.859	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	241159	266.898	ug/l	99
59) 2-Hexanone	9.427	43	383359	260.880	ug/l	99
60) Dibromochloromethane	9.519	129	67936	53.994	ug/l	99
61) 1,2-Dibromoethane	9.604	107	61231	52.409	ug/l	97
64) Tetrachloroethene	9.269	164	51533	50.573	ug/l	95
65) Chlorobenzene	10.073	112	157855	51.185	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.159	131	56077	52.374	ug/l	98
67) Ethyl Benzene	10.189	91	284632	51.532	ug/l	100
68) m/p-Xylenes	10.299	106	208335	103.705	ug/l	99
69) o-Xylene	10.640	106	102076	51.580	ug/l	97
70) Styrene	10.653	104	174780	53.510	ug/l	99
71) Bromoform	10.799	173	43838	54.834	ug/l #	96
73) Isopropylbenzene	10.957	105	275267	49.552	ug/l	100
74) N-amyl acetate	10.841	43	131941	49.653	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.207	83	90851	46.556	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	78651m	46.494	ug/l	
77) Bromobenzene	11.195	156	61979	48.288	ug/l	99
78) n-propylbenzene	11.299	91	324037	50.642	ug/l	100
79) 2-Chlorotoluene	11.360	91	200089	48.915	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	236722	51.533	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	24981	50.119	ug/l	98
82) 4-Chlorotoluene	11.451	91	230367	50.511	ug/l	99
83) tert-Butylbenzene	11.713	119	230281	50.636	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	240175	52.093	ug/l	99
85) sec-Butylbenzene	11.890	105	291060	52.107	ug/l	100
86) p-Isopropyltoluene	12.006	119	240485	52.221	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	115588	49.473	ug/l	99
88) 1,4-Dichlorobenzene	12.036	146	115905	48.933	ug/l	99
89) n-Butylbenzene	12.329	91	214560	53.729	ug/l	100
90) Hexachloroethane	12.536	117	43129	54.495	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	115233	49.608	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.939	75	21859	53.561	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	69443	53.707	ug/l	98
94) Hexachlorobutadiene	13.725	225	29151	52.320	ug/l	98
95) Naphthalene	13.774	128	244667	50.849	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	70168	51.826	ug/l	98

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

