

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021025\
 Data File : VX044871.D
 Acq On : 10 Feb 2025 11:34
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/11/2025
 Supervised By : Mahesh Dadoda 02/11/2025

Quant Time: Feb 11 02:01:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 01:47:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.543	168	127984	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	233736	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	204751	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	92648	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	92593	49.424	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.840%		
35) Dibromofluoromethane	5.379	113	74906	49.291	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.580%		
50) Toluene-d8	8.646	98	289575	50.392	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.780%		
62) 4-Bromofluorobenzene	11.079	95	100798	52.031	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	104.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	89581	49.905	ug/l	100
3) Chloromethane	1.300	50	107836	49.359	ug/l	100
4) Vinyl Chloride	1.373	62	103354	48.832	ug/l	100
5) Bromomethane	1.593	94	31886	50.345	ug/l	100
6) Chloroethane	1.666	64	43657	55.583	ug/l	100
7) Trichlorofluoromethane	1.873	101	131729	49.215	ug/l	100
8) Diethyl Ether	2.129	74	48023	49.473	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.318	101	80068	49.511	ug/l	100
10) Methyl Iodide	2.446	142	108383	51.712	ug/l	100
11) Tert butyl alcohol	2.983	59	87254	251.049	ug/l	100
12) 1,1-Dichloroethene	2.312	96	80672	48.904	ug/l	100
13) Acrolein	2.233	56	90518	252.426	ug/l	100
14) Allyl chloride	2.660	41	148044	49.658	ug/l	100
15) Acrylonitrile	3.062	53	242268	261.074	ug/l	100
16) Acetone	2.379	43	187739	249.274	ug/l	100
17) Carbon Disulfide	2.501	76	225511	49.853	ug/l	100
18) Methyl Acetate	2.702	43	121039	50.928	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	261852	49.890	ug/l	100
20) Methylene Chloride	2.782	84	90038	48.808	ug/l	100
21) trans-1,2-Dichloroethene	3.086	96	81950	50.475	ug/l	100
22) Diisopropyl ether	3.757	45	287347	50.946	ug/l	100
23) Vinyl Acetate	3.714	43	1190152	258.830	ug/l	100
24) 1,1-Dichloroethane	3.605	63	157003	49.749	ug/l	100
25) 2-Butanone	4.556	43	323510	264.528	ug/l	100
26) 2,2-Dichloropropane	4.470	77	121901	48.707	ug/l	100
27) cis-1,2-Dichloroethene	4.483	96	96965	49.721	ug/l	100
28) Bromochloromethane	4.891	49	74707	49.258	ug/l	100
29) Tetrahydrofuran	5.001	42	210414	259.105	ug/l	100
30) Chloroform	5.086	83	149581	48.874	ug/l	100
31) Cyclohexane	5.464	56	143500	49.322	ug/l	100
32) 1,1,1-Trichloroethane	5.373	97	128561	49.523	ug/l	100
36) 1,1-Dichloropropene	5.690	75	108206	49.353	ug/l	100
37) Ethyl Acetate	4.708	43	123238	50.535	ug/l	100
38) Carbon Tetrachloride	5.671	117	105873	49.277	ug/l	100
39) Methylcyclohexane	7.372	83	145338	51.274	ug/l	100
40) Benzene	6.031	78	343557	50.182	ug/l	100

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41) Methacrylonitrile	4.915	41	70572	54.065	ug/l	100
42) 1,2-Dichloroethane	6.080	62	110347	50.573	ug/l	100
43) Isopropyl Acetate	6.336	43	204703	51.981	ug/l	100
44) Trichloroethene	7.122	130	78274	50.020	ug/l	100
45) 1,2-Dichloropropane	7.427	63	85733	50.335	ug/l	100
46) Dibromomethane	7.573	93	59625	50.479	ug/l	100
47) Bromodichloromethane	7.817	83	116892	51.108	ug/l	100
48) Methyl methacrylate	7.689	41	98519	53.057	ug/l	100
49) 1,4-Dioxane	7.659	88	42094	1056.618	ug/l	100
51) 4-Methyl-2-Pentanone	8.573	43	647283	270.364	ug/l	100
52) Toluene	8.714	92	210007	51.507	ug/l	100
53) t-1,3-Dichloropropene	8.976	75	120125	51.902	ug/l	100
54) cis-1,3-Dichloropropene	8.360	75	134763	52.223	ug/l	100
55) 1,1,2-Trichloroethane	9.146	97	79741	50.876	ug/l	100
56) Ethyl methacrylate	9.116	69	134975	53.319	ug/l	100
57) 1,3-Dichloropropane	9.305	76	141335	51.537	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	336412	270.652	ug/l	100
59) 2-Hexanone	9.427	43	472301	273.800	ug/l	100
60) Dibromochloromethane	9.518	129	87240	52.045	ug/l	100
61) 1,2-Dibromoethane	9.604	107	81915	51.564	ug/l	100
64) Tetrachloroethene	9.268	164	63537	49.206	ug/l	100
65) Chlorobenzene	10.079	112	224306	51.005	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.158	131	72478	51.203	ug/l	100
67) Ethyl Benzene	10.189	91	396269	51.061	ug/l	100
68) m/p-Xylenes	10.299	106	296507	103.573	ug/l	100
69) o-Xylene	10.640	106	144802	50.409	ug/l	100
70) Styrene	10.652	104	245518	53.051	ug/l	100
71) Bromoform	10.799	173	57417	54.352	ug/l #	100
73) Isopropylbenzene	10.957	105	374776	50.239	ug/l	100
74) N-amyl acetate	10.841	43	176174	52.189	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.207	83	126542	49.364	ug/l	100
76) 1,2,3-Trichloropropane	11.237	75	102508m	49.903	ug/l	
77) Bromobenzene	11.195	156	84448	49.931	ug/l	100
78) n-propylbenzene	11.298	91	437572	50.818	ug/l	100
79) 2-Chlorotoluene	11.359	91	263269	49.749	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	307465	50.789	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	40487	50.701	ug/l	100
82) 4-Chlorotoluene	11.451	91	295844	50.531	ug/l	100
83) tert-Butylbenzene	11.713	119	306830	50.102	ug/l	100
84) 1,2,4-Trimethylbenzene	11.750	105	311205	52.085	ug/l	100
85) sec-Butylbenzene	11.890	105	384155	50.657	ug/l	100
86) p-Isopropyltoluene	12.006	119	315226	51.689	ug/l	100
87) 1,3-Dichlorobenzene	11.969	146	155575	50.021	ug/l	100
88) 1,4-Dichlorobenzene	12.036	146	156162	49.657	ug/l	100
89) n-Butylbenzene	12.329	91	287649	53.315	ug/l	100
90) Hexachloroethane	12.536	117	56951	49.874	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	154364	50.500	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.938	75	23924	51.135	ug/l	100
93) 1,2,4-Trichlorobenzene	13.585	180	93863	50.747	ug/l	100
94) Hexachlorobutadiene	13.725	225	35481	48.321	ug/l	100
95) Naphthalene	13.774	128	347645	51.995	ug/l	100
96) 1,2,3-Trichlorobenzene	13.956	180	95510	51.245	ug/l	100

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

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