

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\ VX033125\
 Data File : VX045516.D
 Acq On : 31 Mar 2025 12:58
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050ECEC

Quant Time: Apr 07 12:13:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML032825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 07 12:12:10 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	137941	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	127033	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	56719	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	45683	44.289	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.580%			
7) Chloroethane-d5	1.648	69	36967	54.708	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.420%			
11) 1,1-Dichloroethene-d2	2.294	65	24350	45.307	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.620%			
21) 2-Butanone-d5	4.452	46	87306	127.226	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 127.230%			
24) Chloroform-d	5.050	84	125943	55.019	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.040%			
26) 1,2-Dichloroethane-d4	5.946	65	88608	55.330	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 110.660%			
32) Benzene-d6	5.964	84	217783	52.881	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.760%			
36) 1,2-Dichloropropane-d6	7.299	67	71976	54.271	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 108.540%			
41) Toluene-d8	8.641	98	188877	50.789	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.580%			
43) trans-1,3-Dichloroprop...	8.945	79	31059	57.035	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 114.080%			
47) 2-Hexanone-d5	9.384	63	63444	125.429	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 125.430%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	102321	58.121	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 116.240%			
66) 1,2-Dichlorobenzene-d4	12.317	152	64364	53.383	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.760%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	64600	43.811	ug/L	100
3) Chloromethane	1.307	50	67674	51.988	ug/L	97
5) Vinyl chloride	1.374	62	55862	46.143	ug/L	99
6) Bromomethane	1.593	94	28491	52.635	ug/L	99
8) Chloroethane	1.666	64	31751	52.470	ug/L	97
9) Trichlorofluoromethane	1.874	101	78373	47.132	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	49757	46.967	ug/L	97
12) 1,1-Dichloroethene	2.313	96	44744	47.310	ug/L	87
13) Acetone	2.380	43	69613	107.062	ug/L	92
14) Carbon disulfide	2.502	76	117767	48.326	ug/L	100
15) Methyl Acetate	2.697	43	76938	59.587	ug/L	93
16) Methylene chloride	2.782	84	61006	55.675	ug/L	92
17) trans-1,2-Dichloroethene	3.081	96	49586	52.440	ug/L	94
18) Methyl tert-butyl Ether	3.111	73	197186	60.079	ug/L	95
19) 1,1-Dichloroethane	3.599	63	109518	55.505	ug/L	99
20) cis-1,2-Dichloroethene	4.477	96	61418	56.402	ug/L	91
22) 2-Butanone	4.550	43	107568	114.010	ug/L	91
23) Bromochloromethane	4.891	128	32210	59.778	ug/L	89
25) Chloroform	5.080	83	116337	56.241	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	101933	57.370	ug/L	98
29) Cyclohexane	5.458	56	87524	45.448	ug/L	96
30) 1,1,1-Trichloroethane	5.373	97	86591	49.704	ug/L	94
31) Carbon tetrachloride	5.672	117	71750	47.489	ug/L	99
33) Benzene	6.025	78	225844	54.173	ug/L	100
34) Trichloroethene	7.117	95	57100	51.487	ug/L	96
35) Methylcyclohexane	7.373	83	80709	45.609	ug/L	94
37) 1,2-Dichloropropane	7.421	63	62824	55.584	ug/L	100
38) Bromodichloromethane	7.818	83	88252	56.848	ug/L	100
39) cis-1,3-Dichloropropene	8.360	75	94346	56.996	ug/L	96
40) 4-Methyl-2-pentanone	8.568	43	208303	120.369	ug/L	94
42) Toluene	8.714	91	227926	53.285	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	87685	56.858	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	63103	58.122	ug/L	98
46) Tetrachloroethene	9.269	164	37159	48.914	ug/L	96
48) 2-Hexanone	9.427	43	156463	119.939	ug/L	94
49) Dibromochloromethane	9.519	129	64121	59.198	ug/L	97
50) 1,2-Dibromoethane	9.604	107	65564	58.048	ug/L	99
51) Chlorobenzene	10.073	112	145265	54.130	ug/L	98
52) Ethylbenzene	10.189	91	246356	51.167	ug/L	98
53) m,p-Xylene	10.299	106	92328	52.898	ug/L	99
54) o-Xylene	10.640	106	92607	54.015	ug/L	98
55) Styrene	10.653	104	160476	55.930	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.207	83	99592	58.363	ug/L	99
59) Bromoform	10.799	173	42897	59.900	ug/L	99
60) Isopropylbenzene	10.957	105	234984	50.777	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	81290	58.776	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	199240	52.636	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	200143	53.868	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	101768	54.129	ug/L	99
65) 1,4-Dichlorobenzene	12.036	146	100589	53.653	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	102808	54.976	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	21522	57.874	ug/L	91
69) 1,3,5-Trichlorobenzene	13.109	180	64042	53.807	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	57509	54.790	ug/L	97
71) Naphthalene	13.774	128	234307	59.022	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	60676	56.244	ug/L	100

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

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