

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX033125\
 Data File : VX045511.D
 Acq On : 31 Mar 2025 10:12
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 07 12:13:02 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	6.757	114	171114	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	155078	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	67418	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	64928	50.744	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	101.480%	
7) Chloroethane-d5	1.642	69	41686	49.732	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	99.460%	
11) 1,1-Dichloroethene-d2	2.294	65	35327	52.988	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	105.980%	
21) 2-Butanone-d5	4.452	46	93568	109.918	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	109.920%	
24) Chloroform-d	5.050	84	147183	51.832	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	103.660%	
26) 1,2-Dichloroethane-d4	5.946	65	100987	50.834	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	101.660%	
32) Benzene-d6	5.964	84	264541	52.618	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	105.240%	
36) 1,2-Dichloropropane-d6	7.305	67	83475	51.559	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	103.120%	
41) Toluene-d8	8.640	98	235050	51.775	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	103.560%	
43) trans-1,3-Dichloroprop...	8.945	79	35715	53.724	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	107.440%	
47) 2-Hexanone-d5	9.384	63	64986	105.243	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	105.240%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	108574	50.520	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	101.040%	
66) 1,2-Dichlorobenzene-d4	12.317	152	74458	51.955	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	103.920%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	99699	54.507	ug/L	99
3) Chloromethane	1.306	50	82469	51.072	ug/L	97
5) Vinyl chloride	1.373	62	79392	52.866	ug/L	99
6) Bromomethane	1.593	94	34806	51.835	ug/L	97
8) Chloroethane	1.666	64	40582	54.062	ug/L	97
9) Trichlorofluoromethane	1.873	101	114776	55.643	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	71702	54.561	ug/L	96
12) 1,1-Dichloroethene	2.306	96	61626	52.528	ug/L #	72
13) Acetone	2.379	43	88292	109.465	ug/L	93
14) Carbon disulfide	2.501	76	169907	56.205	ug/L	100
15) Methyl Acetate	2.703	43	84184	52.559	ug/L	94
16) Methylene chloride	2.782	84	71286	52.445	ug/L	91
17) trans-1,2-Dichloroethene	3.087	96	63121	53.813	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	222887	54.744	ug/L #	95
19) 1,1-Dichloroethane	3.599	63	133683	54.617	ug/L	99
20) cis-1,2-Dichloroethene	4.477	96	73344	54.296	ug/L	91
22) 2-Butanone	4.556	43	119968	102.502	ug/L	95
23) Bromochloromethane	4.891	128	37284	55.780	ug/L	96
25) Chloroform	5.080	83	139232	54.260	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.074	62	120458	54.653	ug/L	96
29) Cyclohexane	5.458	56	126278	53.713	ug/L	96
30) 1,1,1-Trichloroethane	5.373	97	116642	54.845	ug/L	95
31) Carbon tetrachloride	5.665	117	101502	55.031	ug/L	100
33) Benzene	6.025	78	271973	53.440	ug/L	100
34) Trichloroethene	7.116	95	73028	53.941	ug/L	97
35) Methylcyclohexane	7.372	83	117093	54.203	ug/L	96
37) 1,2-Dichloropropane	7.421	63	71432	51.770	ug/L	100
38) Bromodichloromethane	7.817	83	103848	54.797	ug/L	99
39) cis-1,3-Dichloropropene	8.360	75	116338	57.572	ug/L	100
40) 4-Methyl-2-pentanone	8.567	43	222179	105.169	ug/L	95
42) Toluene	8.714	91	283899	54.368	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	105064	55.807	ug/L	99
45) 1,1,2-Trichloroethane	9.146	97	69426	52.382	ug/L	98
46) Tetrachloroethene	9.268	164	50249	54.183	ug/L	98
48) 2-Hexanone	9.427	43	169850	106.655	ug/L	93
49) Dibromochloromethane	9.518	129	72684	54.968	ug/L	99
50) 1,2-Dibromoethane	9.604	107	73612	53.387	ug/L	97
51) Chlorobenzene	10.073	112	175273	53.500	ug/L	97
52) Ethylbenzene	10.189	91	317096	53.949	ug/L	98
53) m,p-Xylene	10.299	106	113566	53.299	ug/L	95
54) o-Xylene	10.640	106	115129	55.007	ug/L	98
55) Styrene	10.652	104	191800	54.758	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.207	83	106216	50.988	ug/L	98
59) Bromoform	10.799	173	48425	56.888	ug/L	99
60) Isopropylbenzene	10.957	105	309016	56.177	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	85809	52.197	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	257205	57.166	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	248522	56.274	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	123169	55.116	ug/L	98
65) 1,4-Dichlorobenzene	12.036	146	120439	54.046	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	121703	54.752	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.938	75	24751	55.995	ug/L #	80
69) 1,3,5-Trichlorobenzene	13.109	180	79359	56.095	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	70125	56.207	ug/L	98
71) Naphthalene	13.774	128	265493	56.264	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	72965	56.902	ug/L	98

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

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