

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012825\
 Data File : VX044743.D
 Acq On : 28 Jan 2025 12:16
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV666

Quant Time: Jan 29 07:30:19 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML012825WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 28 12:04:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	311278	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	272607	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	117967	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	130250	55.588	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 111.180%			
7) Chloroethane-d5	1.642	69	45429	51.036	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.080%			
11) 1,1-Dichloroethene-d2	2.294	65	59715	59.622	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 119.240%			
21) 2-Butanone-d5	4.452	46	128874	128.656	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 128.660%			
24) Chloroform-d	5.050	84	235917	57.298	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.600%			
26) 1,2-Dichloroethane-d4	5.946	65	141056	57.075	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.160%			
32) Benzene-d6	5.964	84	487461	57.188	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.380%			
36) 1,2-Dichloropropane-d6	7.300	67	153606	56.934	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 113.860%			
41) Toluene-d8	8.641	98	422188	55.963	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.920%			
43) trans-1,3-Dichloroprop...	8.946	79	73707	57.594	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 115.180%			
47) 2-Hexanone-d5	9.384	63	89745	112.395	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 112.400%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	189647	56.566	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 113.140%			
66) 1,2-Dichlorobenzene-d4	12.317	152	136101	58.964	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 117.920%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	127539	57.290	ug/L	100
3) Chloromethane	1.307	50	144452	52.627	ug/L	100
5) Vinyl chloride	1.374	62	133371	52.909	ug/L	99
6) Bromomethane	1.593	94	35259	51.679	ug/L	95
8) Chloroethane	1.666	64	55747	55.388	ug/L	100
9) Trichlorofluoromethane	1.874	101	170373	60.620	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	116457	56.327	ug/L	97
12) 1,1-Dichloroethene	2.307	96	109521	56.768	ug/L #	81
13) Acetone	2.380	43	120559	120.695	ug/L	99
14) Carbon disulfide	2.502	76	332212	56.231	ug/L	99
15) Methyl Acetate	2.703	43	131306	56.807	ug/L	100
16) Methylene chloride	2.782	84	124840	56.576	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	112316	55.652	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	389038	55.912	ug/L	98
19) 1,1-Dichloroethane	3.599	63	219319	55.578	ug/L	99
20) cis-1,2-Dichloroethene	4.477	96	134236	55.566	ug/L	97
22) 2-Butanone	4.556	43	186119	112.998	ug/L	98
23) Bromochloromethane	4.891	128	64441	54.087	ug/L	96
25) Chloroform	5.086	83	217515	54.328	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	159813	53.205	ug/L	97
29) Cyclohexane	5.458	56	224844	53.730	ug/L	98
30) 1,1,1-Trichloroethane	5.373	97	182774	52.993	ug/L	99
31) Carbon tetrachloride	5.666	117	156869	53.036	ug/L	99
33) Benzene	6.031	78	488657	54.392	ug/L	100
34) Trichloroethene	7.117	95	123225	53.899	ug/L	98
35) Methylcyclohexane	7.373	83	217960	55.727	ug/L	99
37) 1,2-Dichloropropane	7.421	63	131165	53.977	ug/L	99
38) Bromodichloromethane	7.818	83	163436	53.589	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	211408	53.587	ug/L	99
40) 4-Methyl-2-pentanone	8.568	43	342632	106.660	ug/L	99
42) Toluene	8.714	91	492597	53.443	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	192177	54.414	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	122440	53.981	ug/L	99
46) Tetrachloroethene	9.269	164	88485	54.503	ug/L	100
48) 2-Hexanone	9.427	43	255985	111.209	ug/L	98
49) Dibromochloromethane	9.519	129	124232	54.309	ug/L	100
50) 1,2-Dibromoethane	9.604	107	127998	53.842	ug/L	98
51) Chlorobenzene	10.073	112	312883	54.376	ug/L	99
52) Ethylbenzene	10.189	91	558199	55.404	ug/L	99
53) m,p-Xylene	10.299	106	210266	55.590	ug/L	94
54) o-Xylene	10.640	106	203360	54.545	ug/L	99
55) Styrene	10.653	104	337691	54.879	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.207	83	187103	53.166	ug/L	99
59) Bromoform	10.799	173	85679	54.905	ug/L	99
60) Isopropylbenzene	10.957	105	530082	55.950	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	139598	53.600	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	440986	56.739	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	431830	56.096	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	215546	55.344	ug/L	99
65) 1,4-Dichlorobenzene	12.036	146	212980	54.938	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	210991	54.641	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	37691	53.112	ug/L	95
69) 1,3,5-Trichlorobenzene	13.109	180	143427	56.200	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	129561	56.311	ug/L	99
71) Naphthalene	13.774	128	488326	54.726	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	129991	55.717	ug/L	99

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

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