

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012825\
 Data File : VX044746.D
 Acq On : 28 Jan 2025 15:58
 Operator : JC/MD
 Sample : Q1148-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 XA179

Quant Time: Jan 29 07:40:38 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	316159	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	273852	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	118541	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	97564	40.996	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.000%
7) Chloroethane-d5	1.642	69	37152	41.093	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.180%
11) 1,1-Dichloroethene-d2	2.294	65	44315	43.563	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.120%
21) 2-Butanone-d5	4.452	46	105336	103.534	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.530%
24) Chloroform-d	5.050	84	171713	41.061	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.120%
26) 1,2-Dichloroethane-d4	5.946	65	108988	43.419	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.840%
32) Benzene-d6	5.964	84	377689	44.108	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.220%
36) 1,2-Dichloropropane-d6	7.299	67	119785	44.196	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.400%
41) Toluene-d8	8.647	98	334799	44.177	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.360%
43) trans-1,3-Dichloroprop...	8.945	79	56772	44.160	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.320%
47) 2-Hexanone-d5	9.384	63	70337	87.688	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.690%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	149185	44.295	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.600%
66) 1,2-Dichlorobenzene-d4	12.317	152	103659	44.691	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.380%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.874	101	98638	34.554	ug/L	99
12) 1,1-Dichloroethene	2.306	96	124822	63.700	ug/L	94
13) Acetone	2.380	43	157921	155.659	ug/L	100
17) trans-1,2-Dichloroethene	3.081	96	113578	55.409	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	774745	109.626	ug/L	98
19) 1,1-Dichloroethane	3.599	63	58580	14.616	ug/L	98
20) cis-1,2-Dichloroethene	4.477	96	185506	75.603	ug/L	100
27) 1,2-Dichloroethane	6.080	62	115848	37.973	ug/L	95
30) 1,1,1-Trichloroethane	5.373	97	175039	50.520	ug/L	99
31) Carbon tetrachloride	5.666	117	52007	17.503	ug/L	100
33) Benzene	6.031	78	661811	73.331	ug/L	100
34) Trichloroethene	7.117	95	182101	79.290	ug/L	98
37) 1,2-Dichloropropane	7.421	63	93488	38.297	ug/L	100
40) 4-Methyl-2-pentanone	8.567	43	297719	92.257	ug/L	99
42) Toluene	8.714	91	412293	44.528	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	284780	80.267	ug/L	100
45) 1,1,2-Trichloroethane	9.147	97	157182	68.983	ug/L	99
46) Tetrachloroethene	9.269	164	64095	39.300	ug/L	97
49) Dibromochloromethane	9.518	129	236293	102.827	ug/L	98

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53) m,p-Xylene	10.299	106	203998	53.688	ug/L	96
54) o-Xylene	10.640	106	123628	33.009	ug/L	96
55) Styrene	10.652	104	385269	62.327	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	94834	26.825	ug/L	100
59) Bromoform	10.799	173	18547	11.828	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	110695	42.296	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	400614	51.295	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	537489	69.483	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	152261	38.905	ug/L	99
65) 1,4-Dichlorobenzene	12.036	146	240711	61.790	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	53572	13.807	ug/L	96
70) 1,2,4-trichlorobenzene	13.585	180	97261	42.068	ug/L	99

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

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