

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012825\
 Data File : VX044752.D
 Acq On : 28 Jan 2025 18:17
 Operator : JC/MD
 Sample : Q1162-04MSD 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 E2947MSD

Quant Time: Jan 29 07:42:37 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	6.757	114	310721	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	270769	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	115812	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	108627	46.443	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.880%
7) Chloroethane-d5	1.648	69	48366	54.433	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	108.860%
11) 1,1-Dichloroethene-d2	2.294	65	50680	50.692	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.380%
21) 2-Butanone-d5	4.459	46	120928	120.940	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	120.940%
24) Chloroform-d	5.050	84	205431	49.983	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.960%
26) 1,2-Dichloroethane-d4	5.952	65	123015	49.865	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.720%
32) Benzene-d6	5.964	84	423828	50.060	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.120%
36) 1,2-Dichloropropane-d6	7.306	67	134085	50.036	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.080%
41) Toluene-d8	8.647	98	375965	50.174	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.340%
43) trans-1,3-Dichloroprop...	8.946	79	63505	49.959	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.920%
47) 2-Hexanone-d5	9.385	63	83020	104.679	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	104.680%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	170636	51.241	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.480%
66) 1,2-Dichlorobenzene-d4	12.317	152	115220	50.846	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	107621	48.430	ug/L	100
3) Chloromethane	1.301	50	121452	44.327	ug/L	99
5) Vinyl chloride	1.374	62	114262	45.410	ug/L	98
6) Bromomethane	1.593	94	31320	45.988	ug/L	94
8) Chloroethane	1.666	64	52499	52.254	ug/L	95
9) Trichlorofluoromethane	1.874	101	125582	44.763	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	97830	47.403	ug/L	98
12) 1,1-Dichloroethene	2.307	96	94724	49.186	ug/L #	78
13) Acetone	2.380	43	102406	102.706	ug/L	99
14) Carbon disulfide	2.502	76	278862	47.286	ug/L	100
15) Methyl Acetate	2.703	43	117707	51.015	ug/L	99
16) Methylene chloride	2.782	84	108620	49.313	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	96775	48.038	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	339724	48.912	ug/L	98
19) 1,1-Dichloroethane	3.599	63	191404	48.591	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	115448	47.874	ug/L	96
22) 2-Butanone	4.556	43	161278	98.092	ug/L	100
23) Bromochloromethane	4.891	128	56126	47.192	ug/L	98
25) Chloroform	5.087	83	189854	47.505	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	144864	48.315	ug/L	99
29) Cyclohexane	5.458	56	192324	46.270	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	162390	47.403	ug/L	100
31) Carbon tetrachloride	5.672	117	137899	46.939	ug/L	100
33) Benzene	6.032	78	427372	47.893	ug/L	100
34) Trichloroethene	7.117	95	107949	47.538	ug/L	97
35) Methylcyclohexane	7.373	83	183076	47.126	ug/L	98
37) 1,2-Dichloropropane	7.428	63	114038	47.247	ug/L	99
38) Bromodichloromethane	7.818	83	145221	47.940	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	182940	46.686	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	326231	102.243	ug/L	98
42) Toluene	8.714	91	442586	48.343	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	167338	47.702	ug/L	98
45) 1,1,2-Trichloroethane	9.147	97	109622	48.658	ug/L	98
46) Tetrachloroethene	9.269	164	75287	46.688	ug/L	98
48) 2-Hexanone	9.427	43	217331	95.058	ug/L	96
49) Dibromochloromethane	9.519	129	108707	47.844	ug/L	99
50) 1,2-Dibromoethane	9.604	107	113434	48.040	ug/L	99
51) Chlorobenzene	10.080	112	274155	47.969	ug/L	96
52) Ethylbenzene	10.189	91	479928	47.958	ug/L	100
53) m,p-Xylene	10.299	106	180378	48.012	ug/L	96
54) o-Xylene	10.640	106	177223	47.857	ug/L	97
55) Styrene	10.653	104	295622	48.369	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.207	83	165927	47.469	ug/L	99
59) Bromoform	10.799	173	74461	48.604	ug/L	99
60) Isopropylbenzene	10.957	105	461508	49.619	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	124665	48.757	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	376929	49.399	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	369564	48.901	ug/L	99
64) 1,3-Dichlorobenzene	11.970	146	180205	47.130	ug/L	99
65) 1,4-Dichlorobenzene	12.037	146	178430	46.882	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	182241	48.074	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	33771	48.473	ug/L	91
69) 1,3,5-Trichlorobenzene	13.110	180	116579	46.530	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	107089	47.410	ug/L	98
71) Naphthalene	13.774	128	426342	48.668	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	107811	47.070	ug/L	98

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

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