

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112824\
 Data File : VU062058.D
 Acq On : 27 Nov 2024 16:44
 Operator : MD/SY
 Sample : VSTD10012
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD100012

Quant Time: Nov 28 00:47:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 28 00:45:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	180622	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	169393	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.801	152	88960	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	124982	99.007	ug/L	0.00
7) Chloroethane-d5	1.904	69	90514	84.219	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	63	236721	100.635	ug/L	0.00
21) 2-Butanone-d5	4.611	46	181246	181.080	ug/L	0.00
24) Chloroform-d	5.049	84	262356	98.328	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.688	65	168181	98.981	ug/L	0.00
32) Benzene-d6	5.714	84	495689	93.414	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.679	67	155626	95.830	ug/L	0.00
41) Toluene-d8	7.888	98	466812	94.707	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.167	79	81859	100.504	ug/L	0.00
47) 2-Hexanone-d5	8.624	63	126477	161.974	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.743	84	227520	90.108	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.183	152	174426	91.309	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.383	85	170630	126.023	ug/L	99
3) Chloromethane	1.518	50	141722	115.294	ug/L	99
5) Vinyl chloride	1.602	62	145575	111.821	ug/L	100
6) Bromomethane	1.849	94	78218	85.909	ug/L	100
8) Chloroethane	1.923	64	82113	98.098	ug/L	96
9) Trichlorofluoromethane	2.132	101	221105	117.852	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	122053	112.637	ug/L	99
12) 1,1-Dichloroethene	2.573	96	115956	114.621	ug/L	97
13) Acetone	2.621	43	192318	240.409	ug/L	99
14) Carbon disulfide	2.785	76	348604	113.140	ug/L	98
15) Methyl Acetate	2.939	43	129264	106.829	ug/L	97
16) Methylene chloride	3.036	84	130027	104.982	ug/L	99
17) trans-1,2-Dichloroethene	3.345	96	120164	109.564	ug/L	98
18) Methyl tert-butyl Ether	3.351	73	402863	107.474	ug/L	99
19) 1,1-Dichloroethane	3.856	63	225854	108.015	ug/L	99
20) cis-1,2-Dichloroethene	4.653	96	137688	106.934	ug/L	97
22) 2-Butanone	4.689	43	215557	218.459	ug/L	99
23) Bromochloromethane	4.962	128	70154	107.321	ug/L	97
25) Chloroform	5.074	83	243503	108.300	ug/L	99
27) 1,2-Dichloroethane	5.782	62	193943	108.143	ug/L	99
29) Cyclohexane	5.377	56	199732	109.192	ug/L	99
30) 1,1,1-Trichloroethane	5.306	97	223673	117.313	ug/L	99
31) Carbon tetrachloride	5.515	117	198740	119.744	ug/L	100
33) Benzene	5.762	78	513357	106.449	ug/L	100
34) Trichloroethene	6.531	95	138256	108.780	ug/L	98
35) Methylcyclohexane	6.753	83	213132	108.490	ug/L	99
37) 1,2-Dichloropropane	6.778	63	133911	104.622	ug/L	99
38) Bromodichloromethane	7.094	83	185462	112.572	ug/L	96
39) cis-1,3-Dichloropropene	7.595	75	228873	111.977	ug/L	98
40) 4-Methyl-2-pentanone	7.778	43	352567	205.190	ug/L	100
42) Toluene	7.958	91	558089	106.459	ug/L	100
44) trans-1,3-Dichloropropene	8.200	75	215782	113.491	ug/L	99

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45) 1,1,2-Trichloroethane	8.389	97	133767	104.246	ug/L	98
46) Tetrachloroethene	8.544	164	105154	112.921	ug/L	100
48) 2-Hexanone	8.675	43	298028	213.533	ug/L	97
49) Dibromochloromethane	8.798	129	145426	113.368	ug/L	100
50) 1,2-Dibromoethane	8.913	107	147324	104.165	ug/L #	100
51) Chlorobenzene	9.438	112	346064	103.596	ug/L	99
52) Ethylbenzene	9.560	91	619944	108.899	ug/L	99
53) m,p-Xylene	9.685	106	233628	108.081	ug/L	95
54) o-Xylene	10.090	106	225743	106.002	ug/L	99
55) Styrene	10.106	104	389248	111.294	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.772	83	223573	101.333	ug/L	97
59) Bromoform	10.280	173	114598	110.449	ug/L	100
60) 1,2,3-Trichloropropane	10.810	75	178361	96.491	ug/L	99
61) Isopropylbenzene	10.473	105	612791	105.072	ug/L	99
62) 1,3,5-Trimethylbenzene	11.077	105	531897	111.291	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	520106	110.382	ug/L	99
64) 1,3-Dichlorobenzene	11.736	146	275042	104.658	ug/L	99
65) 1,4-Dichlorobenzene	11.826	146	276805	103.958	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	272912	103.997	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.984	75	53509	108.229	ug/L	95
69) 1,3,5-Trichlorobenzene	13.209	180	196809	111.188	ug/L	98
70) 1,2,4-trichlorobenzene	13.830	180	177250	118.394	ug/L	99
71) Naphthalene	14.077	128	533727	113.805	ug/L	100
72) 1,2,3-Trichlorobenzene	14.318	180	171424	116.590	ug/L	99

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

