

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
 Data File : VU057405.D
 Acq On : 09 Jan 2024 00:21
 Operator : MD/SY
 Sample : 05787-06MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCME1MSD

Quant Time: Jan 09 05:09:26 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010824WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jan 09 00:42:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	277864	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	271882	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	132866	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	79437	41.537	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	83.080%		
7) Chloroethane-d5	1.914	69	62306	42.100	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.200%		
11) 1,1-Dichloroethene-d2	2.563	63	176150	43.456	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	86.920%		
21) 2-Butanone-d5	4.631	46	89326	96.392	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.390%		
24) Chloroform-d	5.055	84	197814	43.740	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.480%		
26) 1,2-Dichloroethane-d4	5.695	65	132150	44.232	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.460%		
32) Benzene-d6	5.721	84	336975	46.172	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.340%		
36) 1,2-Dichloropropane-d6	6.682	67	93327	45.307	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.620%		
41) Toluene-d8	7.891	98	313646	45.860	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.720%		
43) trans-1,3-Dichloroprop...	8.174	79	57486	46.756	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.520%		
47) 2-Hexanone-d5	8.637	63	68371	101.534	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	101.530%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	141218	45.876	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.760%		
66) 1,2-Dichlorobenzene-d4	12.187	152	120075	46.206	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.420%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.383	85	147472	46.522	ug/L	100
3) Chloromethane	1.518	50	95157	47.839	ug/L	100
5) Vinyl chloride	1.605	62	101798	47.805	ug/L	100
6) Bromomethane	1.859	94	66006	46.832	ug/L	97
8) Chloroethane	1.933	64	56074	45.019	ug/L	90
9) Trichlorofluoromethane	2.133	101	210163	47.301	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	98393	46.112	ug/L	100
12) 1,1-Dichloroethene	2.573	96	88978	47.259	ug/L	95
13) Acetone	2.647	43	76732	67.995	ug/L	96
14) Carbon disulfide	2.789	76	276036	47.335	ug/L	98
15) Methyl Acetate	2.949	43	65030	44.172	ug/L	99
16) Methylene chloride	3.043	84	100966	47.166	ug/L	99
17) trans-1,2-Dichloroethene	3.348	96	92783	48.171	ug/L	100
18) Methyl tert-butyl Ether	3.354	73	312640	50.709	ug/L	99
19) 1,1-Dichloroethane	3.859	63	172405	48.349	ug/L	97
20) cis-1,2-Dichloroethene	4.657	96	103266	50.120	ug/L	96
22) 2-Butanone	4.711	43	95562	85.941	ug/L	94
23) Bromochloromethane	4.965	128	56385	47.674	ug/L	99
25) Chloroform	5.081	83	206870	47.802	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	176540	48.429	ug/L	97
29) Cyclohexane	5.380	56	128997	50.149	ug/L	99
30) 1,1,1-Trichloroethane	5.309	97	200955	48.040	ug/L	100
31) Carbon tetrachloride	5.518	117	180693	48.702	ug/L	99
33) Benzene	5.766	78	383839	50.236	ug/L	100
34) Trichloroethene	6.534	95	110511	49.540	ug/L	98
35) Methylcyclohexane	6.756	83	149145	49.142	ug/L	99
37) 1,2-Dichloropropane	6.785	63	92860	49.250	ug/L	100
38) Bromodichloromethane	7.097	83	155072	48.550	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	165138	50.017	ug/L	98
40) 4-Methyl-2-pentanone	7.792	43	210900	109.779	ug/L	99
42) Toluene	7.962	91	419061	51.005	ug/L	98
44) trans-1,3-Dichloropropene	8.203	75	166634	50.272	ug/L	96
45) 1,1,2-Trichloroethane	8.393	97	101593	48.970	ug/L	97
46) Tetrachloroethene	8.547	164	145034	85.949	ug/L	99
48) 2-Hexanone	8.689	43	159001	102.872	ug/L	98
49) Dibromochloromethane	8.804	129	120109	47.506	ug/L	100
50) 1,2-Dibromoethane	8.917	107	111250	50.554	ug/L	93
51) Chlorobenzene	9.441	112	272489	49.359	ug/L	97
52) Ethylbenzene	9.563	91	466950	51.038	ug/L	99
53) m,p-Xylene	9.689	106	170139	49.748	ug/L	96
54) o-Xylene	10.094	106	170325	50.996	ug/L	98
55) Styrene	10.110	104	293351	51.867	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.779	83	159209	50.894	ug/L	96
59) Bromoform	10.287	173	95779	49.716	ug/L	98
60) 1,2,3-Trichloropropane	10.817	75	130605	51.896	ug/L	99
61) Isopropylbenzene	10.480	105	465669	53.517	ug/L	100
62) 1,3,5-Trimethylbenzene	11.081	105	398297	53.524	ug/L	99
63) 1,2,4-Trimethylbenzene	11.460	105	396897	54.333	ug/L	99
64) 1,3-Dichlorobenzene	11.740	146	210649	51.369	ug/L	98
65) 1,4-Dichlorobenzene	11.830	146	210117	49.916	ug/L	99
67) 1,2-Dichlorobenzene	12.206	146	206209	49.891	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.987	75	35113	52.251	ug/L	91
69) 1,3,5-Trichlorobenzene	13.213	180	147027	50.088	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	115351	51.615	ug/L	99
71) Naphthalene	14.081	128	288840	55.314	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	114003	53.941	ug/L	98

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

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