

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU010824\
 Data File : VU057404.D
 Acq On : 08 Jan 2024 23:57
 Operator : MD/SY
 Sample : 05787-05MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCME1MS

Quant Time: Jan 09 05:08:49 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	268064	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	262739	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	128141	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	79384	43.027	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.060%
7) Chloroethane-d5	1.914	69	61222	42.879	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.760%
11) 1,1-Dichloroethene-d2	2.560	63	172539	44.121	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.240%
21) 2-Butanone-d5	4.631	46	86402	96.646	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.650%
24) Chloroform-d	5.055	84	195630	44.839	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.680%
26) 1,2-Dichloroethane-d4	5.692	65	131939	45.776	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.560%
32) Benzene-d6	5.718	84	335842	47.618	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.240%
36) 1,2-Dichloropropane-d6	6.682	67	93538	46.990	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.980%
41) Toluene-d8	7.891	98	313463	47.428	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.860%
43) trans-1,3-Dichloroprop...	8.174	79	55139	46.408	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.820%
47) 2-Hexanone-d5	8.644	63	67105	103.122	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.120%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	139377	46.853	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.700%
66) 1,2-Dichlorobenzene-d4	12.187	152	117380	46.835	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	143351	46.875	ug/L	99
3) Chloromethane	1.518	50	91451	47.657	ug/L	100
5) Vinyl chloride	1.605	62	98058	47.732	ug/L	99
6) Bromomethane	1.856	94	60089	44.193	ug/L	99
8) Chloroethane	1.933	64	56926	47.374	ug/L	95
9) Trichlorofluoromethane	2.129	101	203797	47.545	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	96916	47.081	ug/L	99
12) 1,1-Dichloroethene	2.573	96	87276	48.050	ug/L	95
13) Acetone	2.647	43	73283	67.312	ug/L	95
14) Carbon disulfide	2.785	76	263068	46.761	ug/L	99
15) Methyl Acetate	2.949	43	60040	42.274	ug/L	100
16) Methylene chloride	3.039	84	96615	46.783	ug/L	96
17) trans-1,2-Dichloroethene	3.345	96	88998	47.895	ug/L	97
18) Methyl tert-butyl Ether	3.354	73	298593	50.202	ug/L	99
19) 1,1-Dichloroethane	3.859	63	163678	47.579	ug/L	97
20) cis-1,2-Dichloroethene	4.657	96	101499	51.063	ug/L	99
22) 2-Butanone	4.711	43	92633	86.353	ug/L	97
23) Bromochloromethane	4.965	128	53899	47.238	ug/L	98
25) Chloroform	5.078	83	198396	47.520	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.785	62	171179	48.675	ug/L	100
29) Cyclohexane	5.380	56	126302	50.810	ug/L	99
30) 1,1,1-Trichloroethane	5.306	97	194323	48.071	ug/L	100
31) Carbon tetrachloride	5.518	117	175461	48.938	ug/L	100
33) Benzene	5.766	78	369007	49.976	ug/L	100
34) Trichloroethene	6.534	95	104115	48.297	ug/L	98
35) Methylcyclohexane	6.756	83	142639	48.634	ug/L	99
37) 1,2-Dichloropropane	6.785	63	90369	49.597	ug/L	99
38) Bromodichloromethane	7.100	83	151244	49.000	ug/L	97
39) cis-1,3-Dichloropropene	7.602	75	153668	48.163	ug/L	99
40) 4-Methyl-2-pentanone	7.801	43	200764	108.139	ug/L	98
42) Toluene	7.965	91	404385	50.932	ug/L	100
44) trans-1,3-Dichloropropene	8.203	75	159517	49.799	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	98902	49.331	ug/L	98
46) Tetrachloroethene	8.547	164	141710	86.902	ug/L	97
48) 2-Hexanone	8.695	43	151795	101.628	ug/L	97
49) Dibromochloromethane	8.804	129	118354	48.441	ug/L	98
50) 1,2-Dibromoethane	8.917	107	109473	51.478	ug/L	98
51) Chlorobenzene	9.441	112	262645	49.232	ug/L	98
52) Ethylbenzene	9.566	91	448186	50.692	ug/L	98
53) m,p-Xylene	9.689	106	166928	50.507	ug/L	100
54) o-Xylene	10.097	106	161969	50.182	ug/L	96
55) Styrene	10.110	104	283723	51.910	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.779	83	149862	49.573	ug/L	96
59) Bromoform	10.290	173	91894	49.459	ug/L	98
60) 1,2,3-Trichloropropane	10.820	75	125258	51.606	ug/L	99
61) Isopropylbenzene	10.480	105	445002	53.028	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	382158	53.249	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105	369824	52.493	ug/L	98
64) 1,3-Dichlorobenzene	11.740	146	196074	49.578	ug/L	97
65) 1,4-Dichlorobenzene	11.830	146	192997	47.540	ug/L	98
67) 1,2-Dichlorobenzene	12.206	146	196554	49.308	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	32559	50.237	ug/L	92
69) 1,3,5-Trichlorobenzene	13.213	180	132522	46.812	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	101322	47.010	ug/L	98
71) Naphthalene	14.081	128	238455	47.349	ug/L	99
72) 1,2,3-Trichlorobenzene	14.322	180	98644	48.395	ug/L	98

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

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