

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
 Data File : VU052022.D
 Acq On : 22 Nov 2022 02:43
 Operator : JC/MD
 Sample : N5737-03MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4345MSD

Quant Time: Nov 22 03:02:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 22 01:03:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	452300	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	445855	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	220406	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	175128	44.681	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.360%
7) Chloroethane-d5	1.906	69	146596	47.226	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.460%
11) 1,1-Dichloroethene-d2	2.568	63	273884	47.141	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.280%
21) 2-Butanone-d5	4.617	46	242908	103.131	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.130%
24) Chloroform-d	5.060	84	317177	49.390	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.780%
26) 1,2-Dichloroethane-d4	5.697	65	188509	48.807	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.620%
32) Benzene-d6	5.726	84	650867	48.976	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.960%
36) 1,2-Dichloropropane-d6	6.687	67	210946	49.409	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.820%
41) Toluene-d8	7.896	98	592847	49.930	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.860%
43) trans-1,3-Dichloroprop...	8.176	79	88709	48.809	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.620%
47) 2-Hexanone-d5	8.629	63	176563	106.015	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.020%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	338362	50.095	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	222148	48.739	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	122701	50.536	ug/L	99
3) Chloromethane	1.527	50	172639	49.614	ug/L	100
5) Vinyl chloride	1.604	62	176668	49.450	ug/L	97
6) Bromomethane	1.845	94	99854	55.683	ug/L	96
8) Chloroethane	1.929	64	119034	50.810	ug/L	99
9) Trichlorofluoromethane	2.138	101	214897	50.316	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	134619	49.090	ug/L	99
12) 1,1-Dichloroethene	2.578	96	130037	49.652	ug/L	98
13) Acetone	2.620	43	206913	96.167	ug/L	98
14) Carbon disulfide	2.793	76	328535	49.609	ug/L	99
15) Methyl Acetate	2.945	43	162721	47.371	ug/L	100
16) Methylene chloride	3.044	84	185736	46.563	ug/L	99
17) trans-1,2-Dichloroethene	3.350	96	145593	52.248	ug/L	97
18) Methyl tert-butyl Ether	3.359	73	488928	54.018	ug/L	100
19) 1,1-Dichloroethane	3.867	63	298960	52.149	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	177524	53.063	ug/L	97
22) 2-Butanone	4.697	43	254823	94.988	ug/L	99
23) Bromochloromethane	4.970	128	96099	53.363	ug/L	99
25) Chloroform	5.086	83	310595	52.506	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
 Data File : VU052022.D
 Acq On : 22 Nov 2022 02:43
 Operator : JC/MD
 Sample : N5737-03MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4345MSD

Quant Time: Nov 22 03:02:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 22 01:03:12 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	231269	52.114	ug/L	99
29) Cyclohexane	5.388	56	207106	52.971	ug/L	99
30) 1,1,1-Trichloroethane	5.314	97	233293	51.024	ug/L	99
31) Carbon tetrachloride	5.523	117	186175	50.294	ug/L	98
33) Benzene	5.771	78	709362	53.705	ug/L	100
34) Trichloroethene	6.539	95	154552	50.149	ug/L	98
35) Methylcyclohexane	6.761	83	217393	51.469	ug/L	99
37) 1,2-Dichloropropane	6.787	63	193894	52.546	ug/L	99
38) Bromodichloromethane	7.102	83	235401	51.670	ug/L	97
39) cis-1,3-Dichloropropene	7.604	75	253667	50.838	ug/L	99
40) 4-Methyl-2-pentanone	7.787	43	511761	109.043	ug/L	100
42) Toluene	7.967	91	730486	53.520	ug/L	99
44) trans-1,3-Dichloropropene	8.208	75	241766	51.802	ug/L	98
45) 1,1,2-Trichloroethane	8.398	97	189766	52.169	ug/L	99
46) Tetrachloroethene	8.552	164	112769	48.503	ug/L	99
48) 2-Hexanone	8.681	43	412466	106.203	ug/L	99
49) Dibromochloromethane	8.806	129	190419	51.509	ug/L	99
50) 1,2-Dibromoethane	8.919	107	191984	52.549	ug/L	100
51) Chlorobenzene	9.443	112	508194	56.591	ug/L	99
52) Ethylbenzene	9.568	91	730158	52.540	ug/L	98
53) m,p-Xylene	9.690	106	285940	53.253	ug/L	99
54) o-Xylene	10.099	106	294158	54.145	ug/L	99
55) Styrene	10.111	104	503020	54.652	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	352473	53.249	ug/L	99
59) Bromoform	10.288	173	143933	50.423	ug/L	99
60) 1,2,3-Trichloropropane	10.819	75	263318	51.450	ug/L	99
61) Isopropylbenzene	10.481	105	731210	54.370	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	587900	54.714	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	580042	55.395	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	342749	52.573	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	359764	54.157	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	374550	54.832	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	66491	52.733	ug/L	97
69) 1,3,5-Trichlorobenzene	13.214	180	226047	51.936	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	186063	53.218	ug/L	98
71) Naphthalene	14.082	128	683847	60.079	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	211796	55.916	ug/L	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112122\
 Data File : VU052022.D
 Acq On : 22 Nov 2022 02:43
 Operator : JC/MD
 Sample : N5737-03MSD
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 A4345MSD

Quant Time: Nov 22 03:02:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112122WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 22 01:03:12 2022
 Response via : Initial Calibration

