

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052022\
 Data File : VU048648.D
 Acq On : 20 May 2022 17:13
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050137

Quant Time: May 21 04:38:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 21 04:37:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	221330	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	220026	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	133117	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	41673	30.741	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.480%
7) Chloroethane-d5	1.912	69	38469	37.877	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.760%
11) 1,1-Dichloroethene-d2	2.571	63	124725	40.682	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.360%
21) 2-Butanone-d5	4.626	46	126504	98.061	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.060%
24) Chloroform-d	5.067	84	160162	46.754	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.500%
26) 1,2-Dichloroethane-d4	5.703	65	116319	48.130	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.260%
32) Benzene-d6	5.729	84	259184	42.326	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.660%
36) 1,2-Dichloropropane-d6	6.693	67	77281	42.989	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.980%
41) Toluene-d8	7.899	98	251844	43.724	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.440%
43) trans-1,3-Dichloroprop...	8.179	79	48340	42.052	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.100%
47) 2-Hexanone-d5	8.636	63	91317	92.626	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.630%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	136309	45.823	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.640%
66) 1,2-Dichlorobenzene-d4	12.195	152	125269	46.033	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.060%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	111093	46.707	ug/L	98
3) Chloromethane	1.523	50	57746	39.348	ug/L	99
5) Vinyl chloride	1.604	62	66112	42.348	ug/L	98
6) Bromomethane	1.858	94	52396	46.489	ug/L	97
8) Chloroethane	1.935	64	40938	44.551	ug/L	99
9) Trichlorofluoromethane	2.141	101	150722	49.454	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	79412	51.099	ug/L	98
12) 1,1-Dichloroethene	2.581	96	68112	47.299	ug/L	99
13) Acetone	2.639	43	88107	84.065	ug/L	97
14) Carbon disulfide	2.797	76	184323	44.107	ug/L	99
15) Methyl Acetate	2.951	43	78542	43.909	ug/L	95
16) Methylene chloride	3.047	84	78807	47.007	ug/L	95
17) trans-1,2-Dichloroethene	3.356	96	75902	48.869	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	267649	49.669	ug/L	99
19) 1,1-Dichloroethane	3.874	63	138429	48.683	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	87041	49.693	ug/L	94
22) 2-Butanone	4.706	43	118897	89.345	ug/L	98
23) Bromochloromethane	4.976	128	48052	49.439	ug/L	93
25) Chloroform	5.089	83	169284	51.004	ug/L	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052022\
 Data File : VU048648.D
 Acq On : 20 May 2022 17:13
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050137

Quant Time: May 21 04:38:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat May 21 04:37:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	144661	50.808	ug/L	99
29) Cyclohexane	5.391	56	102855	45.513	ug/L	96
30) 1,1,1-Trichloroethane	5.321	97	166528	49.986	ug/L	98
31) Carbon tetrachloride	5.526	117	151862	50.018	ug/L	98
33) Benzene	5.777	78	309139	48.091	ug/L	100
34) Trichloroethene	6.542	95	89023	48.949	ug/L	96
35) Methylcyclohexane	6.764	83	123314	47.250	ug/L	99
37) 1,2-Dichloropropane	6.793	63	73237	45.564	ug/L	99
38) Bromodichloromethane	7.108	83	129027	49.615	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	136226	49.640	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	223828	91.251	ug/L	98
42) Toluene	7.970	91	351311	50.141	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	144465	49.917	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	85633	49.750	ug/L	97
46) Tetrachloroethene	8.555	164	76725	51.699	ug/L	98
48) 2-Hexanone	8.684	43	189708	90.267	ug/L	99
49) Dibromochloromethane	8.809	129	114721	51.840	ug/L	99
50) 1,2-Dibromoethane	8.925	107	96129	48.391	ug/L	100
51) Chlorobenzene	9.446	112	240206	49.156	ug/L	99
52) Ethylbenzene	9.571	91	389742	48.676	ug/L	99
53) m,p-Xylene	9.693	106	160560	49.899	ug/L	98
54) o-Xylene	10.102	106	154629	50.162	ug/L	97
55) Styrene	10.115	104	270804	50.526	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	137066	46.075	ug/L	98
59) Bromoform	10.291	173	92904	50.772	ug/L	99
60) 1,2,3-Trichloropropane	10.822	75	125491	47.534	ug/L	96
61) Isopropylbenzene	10.484	105	413020	50.380	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	236092	50.655	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	371101	51.204	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	209269	49.499	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	212244	48.379	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	210013	48.839	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.995	75	47235	46.276	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	164875	48.929	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	143052	46.937	ug/L	99
71) Naphthalene	14.085	128	423085	42.101	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	146757	47.961	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052022\
Data File : VU048648.D
Acq On : 20 May 2022 17:13
Operator : SY/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD050137

Quant Time: May 21 04:38:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis
QLast Update : Sat May 21 04:37:22 2022
Response via : Initial Calibration

