

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062022\
 Data File : VU049295.D
 Acq On : 20 Jun 2022 10:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050152

Quant Time: Jun 21 00:46:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 20 00:11:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	238383	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	233796	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	131788	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	69401	47.258	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.520%
7) Chloroethane-d5	1.903	69	54901	50.916	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.840%
11) 1,1-Dichloroethene-d2	2.569	63	128753	46.463	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.920%
21) 2-Butanone-d5	4.617	46	169076	105.009	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	105.010%
24) Chloroform-d	5.064	84	146432	46.742	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.480%
26) 1,2-Dichloroethane-d4	5.700	65	93006	45.824	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.640%
32) Benzene-d6	5.726	84	261834	45.164	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.320%
36) 1,2-Dichloropropane-d6	6.691	67	96107	49.313	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.620%
41) Toluene-d8	7.896	98	232407	45.456	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.920%
43) trans-1,3-Dichloroprop...	8.179	79	43871	47.848	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.700%
47) 2-Hexanone-d5	8.633	63	105929	103.850	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.850%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	154648	47.509	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.020%
66) 1,2-Dichlorobenzene-d4	12.192	152	100477	43.818	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.640%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.382	85	91564	43.526	ug/L	100
3) Chloromethane	1.520	50	95537	43.085	ug/L	98
5) Vinyl chloride	1.604	62	96116	45.725	ug/L	95
6) Bromomethane	1.842	94	64702	55.646	ug/L	99
8) Chloroethane	1.925	64	57208	48.727	ug/L	98
9) Trichlorofluoromethane	2.134	101	131172	44.338	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	77538	46.171	ug/L	95
12) 1,1-Dichloroethene	2.578	96	66615	45.315	ug/L	98
13) Acetone	2.620	43	125915	99.382	ug/L	99
14) Carbon disulfide	2.790	76	170551	45.623	ug/L	100
15) Methyl Acetate	2.945	43	133606	53.167	ug/L	96
16) Methylene chloride	3.044	84	89236	46.615	ug/L	92
17) trans-1,2-Dichloroethene	3.353	96	75549	46.741	ug/L	95
18) Methyl tert-butyl Ether	3.363	73	295941	48.942	ug/L	97
19) 1,1-Dichloroethane	3.868	63	166429	47.795	ug/L	99
20) cis-1,2-Dichloroethene	4.665	96	94004	47.804	ug/L	97
22) 2-Butanone	4.697	43	205742	105.670	ug/L	97
23) Bromochloromethane	4.974	128	47273	45.803	ug/L	87
25) Chloroform	5.086	83	172616	47.566	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062022\
 Data File : VU049295.D
 Acq On : 20 Jun 2022 10:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050152

Quant Time: Jun 21 00:46:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM061022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jun 20 00:11:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	138491	46.880	ug/L	99
29) Cyclohexane	5.388	56	137890	52.701	ug/L	93
30) 1,1,1-Trichloroethane	5.314	97	142820	43.804	ug/L	97
31) Carbon tetrachloride	5.523	117	120502	42.259	ug/L	99
33) Benzene	5.774	78	363286	47.962	ug/L	100
34) Trichloroethene	6.543	95	91649	48.002	ug/L	95
35) Methylcyclohexane	6.761	83	138352	51.913	ug/L	95
37) 1,2-Dichloropropane	6.790	63	104275	48.820	ug/L	99
38) Bromodichloromethane	7.105	83	135872	47.912	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	161186	51.286	ug/L	98
40) 4-Methyl-2-pentanone	7.787	43	385340	107.083	ug/L	97
42) Toluene	7.967	91	386972	49.429	ug/L	97
44) trans-1,3-Dichloropropene	8.208	75	156691	50.349	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	98771	47.722	ug/L	96
46) Tetrachloroethene	8.552	164	67361	45.508	ug/L	99
48) 2-Hexanone	8.681	43	306179	104.660	ug/L	96
49) Dibromochloromethane	8.809	129	105709	45.872	ug/L	99
50) 1,2-Dibromoethane	8.922	107	105979	48.673	ug/L	97
51) Chlorobenzene	9.446	112	248251	46.909	ug/L	97
52) Ethylbenzene	9.568	91	432531	50.813	ug/L	99
53) m,p-Xylene	9.694	106	161950	48.448	ug/L	90
54) o-Xylene	10.099	106	160465	47.646	ug/L	89
55) Styrene	10.112	104	280569	49.886	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.780	83	191103	49.546	ug/L	98
59) Bromoform	10.292	173	79948	41.106	ug/L	98
60) 1,2,3-Trichloropropane	10.822	75	148095	44.302	ug/L	98
61) Isopropylbenzene	10.485	105	425059	47.483	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	380191	49.746	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	300554	49.395	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	203089	46.249	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	201107	45.233	ug/L	99
67) 1,2-Dichlorobenzene	12.211	146	206581	45.332	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	50157	45.460	ug/L	98
69) 1,3,5-Trichlorobenzene	13.218	180	150106	47.850	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	135116	50.935	ug/L	99
71) Naphthalene	14.086	128	472440	50.339	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	138528	49.369	ug/L	99

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

