

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102023\
 Data File : VU055819.D
 Acq On : 20 Oct 2023 09:05
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050119

Quant Time: Oct 23 01:01:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 18 05:33:39 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	535869	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	529257	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	294505	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	209699	43.628	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	87.260%		
7) Chloroethane-d5	1.907	69	177391	45.150	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.300%		
11) 1,1-Dichloroethene-d2	2.567	63	401112	46.802	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.600%		
21) 2-Butanone-d5	4.615	46	258850	72.679	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	72.680%		
24) Chloroform-d	5.058	84	428206	46.471	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.940%		
26) 1,2-Dichloroethane-d4	5.695	65	264948	46.714	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.420%		
32) Benzene-d6	5.724	84	828828	48.945	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.900%		
36) 1,2-Dichloropropane-d6	6.685	67	258518	48.223	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	96.440%		
41) Toluene-d8	7.894	98	749203	48.997	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	98.000%		
43) trans-1,3-Dichloroprop...	8.177	79	121482	47.174	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	94.340%		
47) 2-Hexanone-d5	8.627	63	130372	61.861	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	61.860%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	377095	45.699	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.400%		
66) 1,2-Dichlorobenzene-d4	12.190	152	294098	50.322	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	100.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	235271	52.729	ug/L	100
3) Chloromethane	1.518	50	222737	52.757	ug/L	99
5) Vinyl chloride	1.602	62	245572	52.854	ug/L	98
6) Bromomethane	1.846	94	154459	52.002	ug/L	99
8) Chloroethane	1.927	64	155044	50.873	ug/L	98
9) Trichlorofluoromethane	2.136	101	355476	53.549	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.579	101	227508	53.291	ug/L	98
12) 1,1-Dichloroethene	2.576	96	201864	53.136	ug/L	96
13) Acetone	2.618	43	396535	119.977	ug/L	100
14) Carbon disulfide	2.792	76	569322	49.245	ug/L	99
15) Methyl Acetate	2.939	43	216850	42.842	ug/L	97
16) Methylene chloride	3.039	84	231725	50.298	ug/L	96
17) trans-1,2-Dichloroethene	3.348	96	201904	51.974	ug/L	96
18) Methyl tert-butyl Ether	3.357	73	665419	53.263	ug/L	98
19) 1,1-Dichloroethane	3.862	63	400489	50.272	ug/L	98
20) cis-1,2-Dichloroethene	4.663	96	231495	52.214	ug/L	98
22) 2-Butanone	4.692	43	407482	102.288	ug/L	99
23) Bromochloromethane	4.972	128	120130	52.318	ug/L	94
25) Chloroform	5.081	83	418177	50.249	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102023\
 Data File : VU055819.D
 Acq On : 20 Oct 2023 09:05
 Operator : MD/SY
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050119

Quant Time: Oct 23 01:01:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 18 05:33:39 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	328212	49.310	ug/L	99
29) Cyclohexane	5.386	56	339728	56.001	ug/L	99
30) 1,1,1-Trichloroethane	5.309	97	364070	53.244	ug/L	99
31) Carbon tetrachloride	5.521	117	319209	53.334	ug/L	97
33) Benzene	5.769	78	892271	53.333	ug/L	100
34) Trichloroethene	6.541	95	242754	53.030	ug/L	98
35) Methylcyclohexane	6.759	83	373731	56.270	ug/L	99
37) 1,2-Dichloropropane	6.788	63	238949	51.868	ug/L	99
38) Bromodichloromethane	7.103	83	311852	51.331	ug/L	97
39) cis-1,3-Dichloropropene	7.605	75	378442	53.995	ug/L	100
40) 4-Methyl-2-pentanone	7.785	43	596101	93.009	ug/L	96
42) Toluene	7.965	91	944367	53.495	ug/L	98
44) trans-1,3-Dichloropropene	8.206	75	351453	52.408	ug/L	98
45) 1,1,2-Trichloroethane	8.396	97	233801	51.468	ug/L	98
46) Tetrachloroethene	8.550	164	175183	53.450	ug/L	97
48) 2-Hexanone	8.679	43	538159	99.411	ug/L	95
49) Dibromochloromethane	8.807	129	244223	52.617	ug/L	99
50) 1,2-Dibromoethane	8.920	107	247594	50.745	ug/L	97
51) Chlorobenzene	9.444	112	594442	52.044	ug/L	99
52) Ethylbenzene	9.566	91	1060475	54.947	ug/L	99
53) m,p-Xylene	9.692	106	404507	55.944	ug/L	94
54) o-Xylene	10.097	106	389980	55.735	ug/L	96
55) Styrene	10.113	104	676641	57.085	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.778	83	378666	48.682	ug/L	98
59) Bromoform	10.286	173	184682	50.941	ug/L	96
60) 1,2,3-Trichloropropane	10.817	75	303476	47.480	ug/L	98
61) Isopropylbenzene	10.483	105	1055914	57.512	ug/L	100
62) 1,3,5-Trimethylbenzene	11.084	105	876531	59.002	ug/L	99
63) 1,2,4-Trimethylbenzene	11.466	105	826337	56.252	ug/L	100
64) 1,3-Dichlorobenzene	11.743	146	493489	54.373	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	492796	52.811	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	492137	54.641	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.991	75	80271	42.008	ug/L	98
69) 1,3,5-Trichlorobenzene	13.216	180	330483	54.590	ug/L	100
70) 1,2,4-trichlorobenzene	13.839	180	267938	53.135	ug/L	98
71) Naphthalene	14.084	128	714912	47.727	ug/L	99
72) 1,2,3-Trichlorobenzene	14.328	180	256993	51.691	ug/L	98

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102023\
Data File : VU055819.D
Acq On : 20 Oct 2023 09:05
Operator : MD/SY
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD050119

Quant Time: Oct 23 01:01:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 18 05:33:39 2023
Response via : Initial Calibration

