

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032223\
 Data File : VU053364.D
 Acq On : 22 Mar 2023 19:55
 Operator : JC/MD
 Sample : VSTDCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050172

Quant Time: Mar 23 03:57:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 23 02:41:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	106170	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.411	117	104140	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.806	152	52522	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	40002	40.840	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.680%
7) Chloroethane-d5	1.912	69	40418	51.015	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.020%
11) 1,1-Dichloroethene-d2	2.568	63	71434	42.100	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.200%
21) 2-Butanone-d5	4.620	46	52979	116.620	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.620%
24) Chloroform-d	5.057	84	71920	44.581	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.160%
26) 1,2-Dichloroethane-d4	5.697	65	48296	48.204	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.400%
32) Benzene-d6	5.723	84	145950	43.208	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.420%
36) 1,2-Dichloropropane-d6	6.687	67	47994	44.024	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.040%
41) Toluene-d8	7.893	98	137776	43.810	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.620%
43) trans-1,3-Dichloroprop...	8.176	79	23376	43.460	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.920%
47) 2-Hexanone-d5	8.626	63	35950	105.478	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.480%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	72216	51.136	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.280%
66) 1,2-Dichlorobenzene-d4	12.189	152	48459	47.650	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	42261	38.135	ug/L	100
3) Chloromethane	1.520	50	42985	42.095	ug/L	99
5) Vinyl chloride	1.604	62	49680	44.474	ug/L	99
6) Bromomethane	1.858	94	34134	50.835	ug/L	97
8) Chloroethane	1.932	64	36258	54.950	ug/L	99
9) Trichlorofluoromethane	2.137	101	63628	45.653	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	34816	41.295	ug/L	97
12) 1,1-Dichloroethene	2.578	96	31784	40.764	ug/L	92
13) Acetone	2.633	43	40928	79.104	ug/L	95
14) Carbon disulfide	2.790	76	89210	37.775	ug/L	99
15) Methyl Acetate	2.945	43	39473	55.660	ug/L	99
16) Methylene chloride	3.044	84	40404	42.715	ug/L	98
17) trans-1,2-Dichloroethene	3.350	96	31612	39.959	ug/L	96
18) Methyl tert-butyl Ether	3.359	73	122513	46.054	ug/L	97
19) 1,1-Dichloroethane	3.864	63	73180	45.316	ug/L	99
20) cis-1,2-Dichloroethene	4.661	96	40940	44.059	ug/L	92
22) 2-Butanone	4.700	43	61907	105.025	ug/L	97
23) Bromochloromethane	4.970	128	19380	43.741	ug/L	89
25) Chloroform	5.079	83	74222	45.930	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032223\
 Data File : VU053364.D
 Acq On : 22 Mar 2023 19:55
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050172

Quant Time: Mar 23 03:57:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 23 02:41:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	62901	49.309	ug/L	98
29) Cyclohexane	5.385	56	64301	41.438	ug/L	99
30) 1,1,1-Trichloroethane	5.311	97	60160	42.381	ug/L	97
31) Carbon tetrachloride	5.517	117	48055	41.322	ug/L	98
33) Benzene	5.768	78	163309	45.232	ug/L	100
34) Trichloroethene	6.536	95	41104	43.663	ug/L	98
35) Methylcyclohexane	6.758	83	66617	40.370	ug/L	98
37) 1,2-Dichloropropane	6.787	63	47337	46.994	ug/L	100
38) Bromodichloromethane	7.099	83	55146	43.992	ug/L	97
39) cis-1,3-Dichloropropene	7.604	75	73350	44.322	ug/L	99
40) 4-Methyl-2-pentanone	7.784	43	118001	113.972	ug/L	97
42) Toluene	7.964	91	175953	45.331	ug/L	99
44) trans-1,3-Dichloropropene	8.205	75	68797	45.477	ug/L	99
45) 1,1,2-Trichloroethane	8.394	97	43128	47.021	ug/L	96
46) Tetrachloroethene	8.549	164	25534	41.690	ug/L	98
48) 2-Hexanone	8.677	43	92427	106.607	ug/L	97
49) Dibromochloromethane	8.806	129	39127	41.702	ug/L	95
50) 1,2-Dibromoethane	8.919	107	45568	46.625	ug/L	99
51) Chlorobenzene	9.443	112	109086	45.093	ug/L	97
52) Ethylbenzene	9.565	91	198068	44.998	ug/L	97
53) m,p-Xylene	9.690	106	72449	44.099	ug/L	99
54) o-Xylene	10.095	106	71858	44.224	ug/L	100
55) Styrene	10.108	104	124577	46.002	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.777	83	77572	51.585	ug/L	98
59) Bromoform	10.285	173	25769	43.114	ug/L #	96
60) 1,2,3-Trichloropropane	10.819	75	59653	57.157	ug/L	97
61) Isopropylbenzene	10.478	105	192535	46.396	ug/L	99
62) 1,3,5-Trimethylbenzene	11.082	105	156652	45.604	ug/L	100
63) 1,2,4-Trimethylbenzene	11.462	105	152648	45.590	ug/L	100
64) 1,3-Dichlorobenzene	11.742	146	79597	45.735	ug/L	98
65) 1,4-Dichlorobenzene	11.832	146	80361	45.994	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	80036	46.011	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.989	75	16015	55.492	ug/L	90
69) 1,3,5-Trichlorobenzene	13.214	180	48031	43.529	ug/L	98
70) 1,2,4-trichlorobenzene	13.835	180	44536	44.920	ug/L	99
71) Naphthalene	14.082	128	170218	50.937	ug/L	99
72) 1,2,3-Trichlorobenzene	14.323	180	45131	48.000	ug/L	99

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032223\
Data File : VU053364.D
Acq On : 22 Mar 2023 19:55
Operator : JC/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD050172

Quant Time: Mar 23 03:57:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM031523WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 23 02:41:20 2023
Response via : Initial Calibration

