

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102623\
 Data File : VU055914.D
 Acq On : 26 Oct 2023 18:49
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050127

Quant Time: Oct 27 02:54:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 27 02:48:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	532061	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	550736	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	312163	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	213116	44.656	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.320%
7) Chloroethane-d5	1.885	69	175773	45.058	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.120%
11) 1,1-Dichloroethene-d2	2.560	63	380958	44.769	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.540%
21) 2-Butanone-d5	4.615	46	307242	86.883	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.880%
24) Chloroform-d	5.055	84	417002	45.579	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.160%
26) 1,2-Dichloroethane-d4	5.695	65	255061	45.292	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.580%
32) Benzene-d6	5.721	84	839841	47.661	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.320%
36) 1,2-Dichloropropane-d6	6.685	67	258031	46.255	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.500%
41) Toluene-d8	7.894	98	767540	48.239	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.480%
43) trans-1,3-Dichloroprop...	8.174	79	130329	48.635	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.280%
47) 2-Hexanone-d5	8.631	63	291008	132.696	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	132.700%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	453585	52.825	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.640%
66) 1,2-Dichlorobenzene-d4	12.190	152	329912	53.257	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.520%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.380	85	181886	41.056	ug/L	99
3) Chloromethane	1.518	50	195505	46.638	ug/L	100
5) Vinyl chloride	1.602	62	208158	45.122	ug/L	99
6) Bromomethane	1.827	94	67559	22.908	ug/L	98
8) Chloroethane	1.911	64	132183	43.682	ug/L	98
9) Trichlorofluoromethane	2.123	101	291743	44.263	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	188322	44.428	ug/L	96
12) 1,1-Dichloroethene	2.570	96	181316	48.069	ug/L	95
13) Acetone	2.618	43	224474	68.404	ug/L	94
14) Carbon disulfide	2.785	76	471681	41.091	ug/L	99
15) Methyl Acetate	2.940	43	208509	41.489	ug/L	93
16) Methylene chloride	3.039	84	223274	48.810	ug/L	94
17) trans-1,2-Dichloroethene	3.345	96	185116	47.994	ug/L	93
18) Methyl tert-butyl Ether	3.354	73	659052	53.131	ug/L	97
19) 1,1-Dichloroethane	3.859	63	372367	47.076	ug/L	99
20) cis-1,2-Dichloroethene	4.660	96	224414	50.979	ug/L	98
22) 2-Butanone	4.692	43	325090	82.189	ug/L	98
23) Bromochloromethane	4.968	128	112188	49.209	ug/L	94
25) Chloroform	5.081	83	396258	47.956	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU102623\
 Data File : VU055914.D
 Acq On : 26 Oct 2023 18:49
 Operator : MD/SY
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD050127

Quant Time: Oct 27 02:54:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Oct 27 02:48:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.788	62	297693	45.045	ug/L	99
29) Cyclohexane	5.380	56	313541	49.669	ug/L	98
30) 1,1,1-Trichloroethane	5.309	97	331599	46.604	ug/L	98
31) Carbon tetrachloride	5.518	117	284754	45.721	ug/L	97
33) Benzene	5.769	78	842461	48.392	ug/L	100
34) Trichloroethene	6.537	95	219928	46.170	ug/L	98
35) Methylcyclohexane	6.756	83	329257	47.641	ug/L	99
37) 1,2-Dichloropropane	6.785	63	225883	47.119	ug/L	99
38) Bromodichloromethane	7.100	83	287269	45.441	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	361216	49.528	ug/L	100
40) 4-Methyl-2-pentanone	7.788	43	665377	99.770	ug/L	94
42) Toluene	7.965	91	923772	50.287	ug/L	99
44) trans-1,3-Dichloropropene	8.206	75	340123	48.741	ug/L	100
45) 1,1,2-Trichloroethane	8.396	97	233149	49.323	ug/L	98
46) Tetrachloroethene	8.550	164	163857	48.045	ug/L	97
48) 2-Hexanone	8.682	43	551340	97.873	ug/L	94
49) Dibromochloromethane	8.804	129	240741	49.844	ug/L	98
50) 1,2-Dibromoethane	8.920	107	255074	50.239	ug/L	97
51) Chlorobenzene	9.444	112	616415	51.863	ug/L	98
52) Ethylbenzene	9.566	91	1054558	52.509	ug/L	100
53) m,p-Xylene	9.692	106	411608	54.706	ug/L	98
54) o-Xylene	10.097	106	412090	56.598	ug/L	95
55) Styrene	10.110	104	727691	58.998	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.778	83	444079	54.865	ug/L	100
59) Bromoform	10.287	173	200860	52.269	ug/L	98
60) 1,2,3-Trichloropropane	10.820	75	348824	51.488	ug/L	99
61) Isopropylbenzene	10.479	105	1097532	56.398	ug/L	99
62) 1,3,5-Trimethylbenzene	11.084	105	963805	61.206	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	967150	62.113	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	530386	55.133	ug/L	99
65) 1,4-Dichlorobenzene	11.833	146	532088	53.796	ug/L	99
67) 1,2-Dichlorobenzene	12.209	146	530792	55.599	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.991	75	96170	47.481	ug/L	93
69) 1,3,5-Trichlorobenzene	13.216	180	365629	56.979	ug/L	99
70) 1,2,4-trichlorobenzene	13.836	180	321381	60.128	ug/L	99
71) Naphthalene	14.084	128	1021918	64.363	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	315725	59.912	ug/L	98

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

Quant Time: Oct 27 02:54:43 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM101023WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 27 02:48:43 2023
Response via : Initial Calibration

