

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016882.D
 Acq On : 12 Jun 2020 16:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleID :
 VSTD05087

Manual Integrations
 APPROVED

MMDadoda
 6/15/2020 12:22:28 PM

Quant Time: Jun 13 03:06:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 01:34:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	354648	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	342701	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	182906	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	99658	39.82	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.64%
7) Chloroethane-d5	1.57	69	75707	50.42	ug/L	0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.84%
11) 1,1-Dichloroethene-d2	2.12	63	191709	45.62	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.24%
21) 2-Butanone-d5	3.89	46	183113	98.86	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.86%
24) Chloroform-d	4.37	84	248216	48.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.56%
26) 1,2-Dichloroethane-d4	5.05	65	171318	49.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.00%
32) Benzene-d6	5.07	84	452098	45.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.52%
36) 1,2-Dichloropropane-d6	6.09	67	141138	45.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.66%
41) Toluene-d8	7.33	98	423207	46.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.36%
43) trans-1,3-Dichloropropene-	7.64	79	76542	47.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.46%
47) 2-Hexanone-d5	8.11	63	123321	91.86	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	193673	47.51	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.02%
64) 1,2-Dichlorobenzene-d4	11.65	152	184606	47.29	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.58%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	143144	50.910	ug/L 100
3) Chloromethane	1.25	50	127179	49.461	ug/L 99
5) Vinyl chloride	1.32	62	113376	44.838	ug/L 99
6) Bromomethane	1.52	94	64293	61.050	ug/L 96
8) Chloroethane	1.59	64	64493	51.635	ug/L 95
9) Trichlorofluoromethane	1.76	101	190652	50.385	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	92839	49.237	ug/L 99
12) 1,1-Dichloroethene	2.13	96	83343	47.349	ug/L 96
13) Acetone	2.17	43	100236	82.137	ug/L 99
14) Carbon disulfide	2.31	76	290359	45.560	ug/L 100
15) Methyl Acetate	2.44	43	129972	47.784	ug/L 99
16) Methylene chloride	2.52	84	126172	48.848	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	113048	47.104	ug/L 98
18) Methyl tert-butyl Ether	2.78	73	396637	49.877	ug/L 100
19) 1,1-Dichloroethane	3.21	63	218921	48.460	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	125801m	48.081	ug/L
22) 2-Butanone	3.97	43	179616	95.445	ug/L 98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061220\
 Data File : VV016882.D
 Acq On : 12 Jun 2020 16:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05087

Manual Integrations
 APPROVED

MMDadoda
 6/15/2020 12:22:28 PM

Quant Time: Jun 13 03:06:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jun 13 01:34:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	68969	50.040	uq/L	98
25) Chloroform	4.40	83	235286	50.679	uq/L	99
27) 1,2-Dichloroethane	5.15	62	197423	50.727	uq/L	100
29) Cyclohexane	4.70	56	193405	45.415	uq/L	99
30) 1,1,1-Trichloroethane	4.63	97	214861	49.162	uq/L	98
31) Carbon tetrachloride	4.85	117	190728	50.446	uq/L	98
33) Benzene	5.12	78	473665	46.715	uq/L	100
34) Trichloroethene	5.94	95	130990	48.169	uq/L	98
35) Methylcyclohexane	6.15	83	198598	46.552	uq/L	98
37) 1,2-Dichloropropane	6.20	63	123587	46.869	uq/L	99
38) Bromodichloromethane	6.53	83	169806	48.375	uq/L	99
39) cis-1,3-Dichloropropene	7.05	75	197383	48.190	uq/L	97
40) 4-Methyl-2-pentanone	7.24	43	362085	96.905	uq/L	99
42) Toluene	7.41	91	510978	47.804	uq/L	99
44) trans-1,3-Dichloropropene	7.67	75	199020	49.979	uq/L	99
45) 1,1,2-Trichloroethane	7.86	97	123373	48.496	uq/L	98
46) Tetrachloroethene	8.00	164	104562	48.890	uq/L	99
48) 2-Hexanone	8.15	43	277711	95.857	uq/L	97
49) Dibromochloromethane	8.27	129	133156	48.953	uq/L	99
50) 1,2-Dibromoethane	8.37	107	128961	48.408	uq/L	99
51) Chlorobenzene	8.90	112	336142	48.201	uq/L	99
52) Ethylbenzene	9.03	91	584297	49.352	uq/L	99
53) m,p-Xylene	9.16	106	221586	50.267	uq/L	99
54) o-xylene	9.56	106	216625	49.826	uq/L	97
55) Styrene	9.58	104	375757	51.120	uq/L	97
56) Isopropylbenzene	9.95	105	591893	50.667	uq/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	182693	46.838	uq/L	99
59) 1,2,3-Trichloropropane	10.30	75	159129	48.639	uq/L	99
61) Bromoform	9.75	173	89707	47.682	uq/L	99
62) 1,3-Dichlorobenzene	11.20	146	279534	48.252	uq/L	99
63) 1,4-Dichlorobenzene	11.30	146	281723	47.795	uq/L	99
65) 1,2-Dichlorobenzene	11.67	146	282909	48.730	uq/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	41805	45.794	uq/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	208277	48.213	uq/L	99
68) 1,2,4-trichlorobenzene	13.29	180	190779	48.147	uq/L	99
69) Naphthalene	13.52	128	564427	49.520	uq/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	189034	48.757	uq/L	99

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV061220\
Data File : VV016882.D
Acq On : 12 Jun 2020 16:33
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD05087

Manual Integrations
APPROVED

MMDadoda
6/15/2020 12:22:28 PM

Quant Time: Jun 13 03:06:34 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 13 01:34:58 2020
Response via : Initial Calibration

