

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015270.D
 Acq On : 30 Mar 2020 13:37
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV02

Manual Integrations
 APPROVED

MMDadoda
 3/31/2020 4:20:34 PM

Quant Time: Mar 31 02:10:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 30 14:04:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	694638	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	683488	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	323111	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	233801	46.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.32%
7) Chloroethane-d5	1.58	69	223840	47.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.98%
11) 1,1-Dichloroethene-d2	2.12	63	498687	45.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.32%
21) 2-Butanone-d5	3.93	46	307448	92.82	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.82%
24) Chloroform-d	4.37	84	423297	46.49	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.98%
26) 1,2-Dichloroethane-d4	5.05	65	276546	46.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.94%
32) Benzene-d6	5.07	84	823526	46.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.32%
36) 1,2-Dichloropropane-d6	6.09	67	254204	45.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	91.12%
41) Toluene-d8	7.33	98	793752	45.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.96%
43) trans-1,3-Dichloropropene-	7.64	79	141607	46.61	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.22%
47) 2-Hexanone-d5	8.11	63	234998	89.78	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.78%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	384486	46.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.38%
64) 1,2-Dichlorobenzene-d4	11.65	152	288379	44.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.68%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	205841	42.121	ug/L 99
3) Chloromethane	1.25	50	260580	46.954	ug/L 99
5) Vinyl chloride	1.32	62	269040	45.952	ug/L 99
6) Bromomethane	1.53	94	186972	47.738	ug/L 93
8) Chloroethane	1.60	64	183947	45.561	ug/L 98
9) Trichlorofluoromethane	1.76	101	418574	42.294	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	221833	41.801	ug/L 99
12) 1,1-Dichloroethene	2.13	96	230870	44.938	ug/L 97
13) Acetone	2.22	43	191527	84.738	ug/L 95
14) Carbon disulfide	2.30	76	555212	44.410	ug/L 100
15) Methyl Acetate	2.46	43	217585	47.942	ug/L 100
16) Methylene chloride	2.52	84	226630	47.151	ug/L 99
17) trans-1,2-Dichloroethene	2.78	96	199456	46.330	ug/L 98
18) Methyl tert-butyl Ether	2.79	73	726510	49.563	ug/L 100
19) 1,1-Dichloroethane	3.21	63	380371	47.389	ug/L 99
20) cis-1,2-Dichloroethene	3.94	96	230500	47.629	ug/L # 100
22) 2-Butanone	4.01	43	330072m	100.178	ug/L

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV033020\
 Data File : VV015270.D
 Acq On : 30 Mar 2020 13:37
 Operator : SY/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VICV02

Manual Integrations
 APPROVED

MMDadoda
 3/31/2020 4:20:34 PM

Quant Time: Mar 31 02:10:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 30 14:04:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	113649	47.705	ug/L	97
25) Chloroform	4.40	83	408559	47.673	ug/L	98
27) 1,2-Dichloroethane	5.15	62	326823	47.948	ug/L	100
29) Cyclohexane	4.70	56	295461	40.753	ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	354538	45.749	ug/L	100
31) Carbon tetrachloride	4.85	117	285231	43.447	ug/L	100
33) Benzene	5.12	78	852066	47.091	ug/L	100
34) Trichloroethene	5.94	95	221061	45.542	ug/L	98
35) Methylcyclohexane	6.15	83	314884	41.359	ug/L	99
37) 1,2-Dichloropropane	6.20	63	219616	47.718	ug/L	99
38) Bromodichloromethane	6.53	83	319867	48.330	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	371118	47.747	ug/L	95
40) 4-Methyl-2-pentanone	7.25	43	660386	96.504	ug/L	98
42) Toluene	7.41	91	944713	46.510	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	365814	47.899	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	227707	49.112	ug/L	98
46) Tetrachloroethene	7.99	164	138152	43.012	ug/L	95
48) 2-Hexanone	8.16	43	501212	95.476	ug/L	99
49) Dibromochloromethane	8.27	129	246670	48.679	ug/L	98
50) 1,2-Dibromoethane	8.37	107	243123	48.261	ug/L	98
51) Chlorobenzene	8.90	112	617781	46.732	ug/L	99
52) Ethylbenzene	9.03	91	1048659	45.782	ug/L	98
53) m,p-Xylene	9.16	106	404167	46.261	ug/L	100
54) o-xylene	9.56	106	405724	46.682	ug/L	97
55) Styrene	9.58	104	701631	47.308	ug/L	99
56) Isopropylbenzene	9.95	105	1016566	44.433	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	370689	48.174	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	301570	47.359	ug/L	96
61) Bromoform	9.75	173	160409	49.780	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	451166	45.784	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	452070	44.945	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	463441	46.604	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	101179	46.244	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	285332	45.367	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	276057	46.195	ug/L	99
69) Naphthalene	13.53	128	1121174	47.066	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	279357	46.579	ug/L	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV033020\
Data File : VV015270.D
Acq On : 30 Mar 2020 13:37
Operator : SY/MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VICV02

Manual Integrations
APPROVED

MMDadoda
3/31/2020 4:20:34 PM

Quant Time: Mar 31 02:10:26 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM033020WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 30 14:04:11 2020
Response via : Initial Calibration

