

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090119\
 Data File : VV012503.D
 Acq On : 01 Sep 2019 12:10
 Operator : SY/MD
 Sample : VSTD01063
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01063

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 4:03:46 PM

Quant Time: Sep 02 03:01:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 02 02:48:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	300459	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	290593	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	126931	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20696	10.13	ug/L	0.00
7) Chloroethane-d5	1.58	69	22157	9.83	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	55927	10.13	ug/L	0.00
21) 2-Butanone-d5	3.95	46	31539m	19.12	ug/L	0.02
24) Chloroform-d	4.40	84	42073	10.13	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	26855	10.07	ug/L	0.00
32) Benzene-d6	5.10	84	69354	9.77	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	25546	10.24	ug/L	0.00
41) Toluene-d8	7.36	98	62254	9.35	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	10406	8.99	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	15732m	15.95	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34113	9.66	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	25355	10.04	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	26981	11.205	ug/L 99
3) Chloromethane	1.25	50	33956	11.028	ug/L 98
5) Vinyl chloride	1.33	62	34997	10.887	ug/L 100
6) Bromomethane	1.54	94	26360	10.117	ug/L 98
8) Chloroethane	1.60	64	26128	11.078	ug/L 99
9) Trichlorofluoromethane	1.77	101	53237	10.927	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	30535	10.852	ug/L 98
12) 1,1-Dichloroethene	2.14	96	29722	10.962	ug/L 99
13) Acetone	2.20	43	37157	21.143	ug/L 98
14) Carbon disulfide	2.32	76	63143	10.784	ug/L 100
15) Methyl Acetate	2.47	43	27169	10.543	ug/L 98
16) Methylene chloride	2.54	84	26483	11.298	ug/L 92
17) trans-1,2-Dichloroethene	2.80	96	22448	10.623	ug/L 97
18) Methyl tert-butyl Ether	2.81	73	64034	9.640	ug/L 98
19) 1,1-Dichloroethane	3.23	63	44962	10.504	ug/L 99
20) cis-1,2-Dichloroethene	3.96	96	23977	10.264	ug/L 95
22) 2-Butanone	4.03	43	38605m	20.160	ug/L
23) Bromochloromethane	4.30	128	12449	11.095	ug/L 96
25) Chloroform	4.43	83	47141	10.830	ug/L 98
27) 1,2-Dichloroethane	5.18	62	38561	10.588	ug/L 99
29) Cyclohexane	4.73	56	34172	9.448	ug/L 99
30) 1,1,1-Trichloroethane	4.66	97	36789	10.534	ug/L 99
31) Carbon tetrachloride	4.88	117	31562	10.629	ug/L 96
33) Benzene	5.15	78	93514	10.334	ug/L 100
34) Trichloroethene	5.96	95	25641	10.262	ug/L 97
35) Methylcyclohexane	6.18	83	34443	9.502	ug/L 97
37) 1,2-Dichloropropane	6.22	63	26902	11.037	ug/L # 91
38) Bromodichloromethane	6.56	83	34118	10.618	ug/L 94
39) cis-1,3-Dichloropropene	7.07	75	32716	9.363	ug/L 97
40) 4-Methyl-2-pentanone	7.28	43	63564	18.635	ug/L 94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090119\
 Data File : VV012503.D
 Acq On : 01 Sep 2019 12:10
 Operator : SY/MD
 Sample : VSTD01063
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01063

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 4:03:46 PM

Quant Time: Sep 02 03:01:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 02 02:48:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	94881	9.987	ug/L	97
44) trans-1,3-Dichloropropene	7.69	75	29376	9.291	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	23923	10.858	ug/L	97
46) Tetrachloroethene	8.02	164	17439	10.372	ug/L	94
48) 2-Hexanone	8.19	43	44903	16.812	ug/L	96
49) Dibromochloromethane	8.29	129	23233	10.056	ug/L	98
50) 1,2-Dibromoethane	8.40	107	23144	10.157	ug/L	99
51) Chlorobenzene	8.93	112	62674	10.506	ug/L	99
52) Ethylbenzene	9.05	91	97288	9.449	ug/L	98
53) m,p-Xylene	9.18	106	35655	9.642	ug/L	95
54) o-xylene	9.59	106	33717	9.139	ug/L	95
55) Styrene	9.60	104	55500	8.884	ug/L	95
56) Isopropylbenzene	9.97	105	89884	9.344	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	34262	10.486	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	30206	10.222	ug/L	99
61) Bromoform	9.77	173	14298	10.264	ug/L #	97
62) 1,3-Dichlorobenzene	11.23	146	40485	10.101	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	43670	10.529	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	43020	10.614	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	7776	11.385	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	26439	9.875	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	17579	7.983	ug/L	99
69) Naphthalene	13.55	128	38674	5.617	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	18319	8.085	ug/L	96

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

