

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090418\
 Data File : VV007340.D
 Acq On : 04 Sep 2018 20:23
 Operator : SY/MD
 Sample : VSTD10063
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10063

Manual Integrations
 APPROVED

MMDadoda
 9/6/2018 3:05:02 PM

Quant Time: Sep 05 01:16:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 05 00:58:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	574391	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	553764	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	281086	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	405348	97.32	ug/L	0.00
7) Chloroethane-d5	1.57	69	221662	85.63	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	703413	96.79	ug/L	0.00
21) 2-Butanone-d5	3.96	46	678180	206.53	ug/L	0.00
24) Chloroform-d	4.41	84	831341	99.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	502604	98.71	ug/L	0.00
32) Benzene-d6	5.10	84	1712225	98.72	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	550000	96.35	ug/L	0.00
41) Toluene-d8	7.37	98	1562430	103.09	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	248788	98.36	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	523393	234.58	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	763932	100.17	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	604028	95.19	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	420299m	108.33	ug/L	
3) Chloromethane	1.26	50	443185	95.12	ug/L	99
5) Vinyl chloride	1.32	62	461375	101.66	ug/L	99
6) Bromomethane	1.53	94	209585	91.59	ug/L	100
8) Chloroethane	1.58	64	218243	98.81	ug/L	100
9) Trichlorofluoromethane	1.76	101	579702	98.55	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	358002	97.87	ug/L	100
12) 1,1-Dichloroethene	2.14	96	337531	98.53	ug/L	95
13) Acetone	2.20	43	351660	159.62	ug/L	99
14) Carbon disulfide	2.32	76	962525	95.15	ug/L	99
15) Methyl Acetate	2.47	43	396320	99.87	ug/L	98
16) Methylene chloride	2.54	84	392559	95.18	ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	365292	97.58	ug/L	98
18) Methyl tert-butyl Ether	2.82	73	1178007	100.68	ug/L	100
19) 1,1-Dichloroethane	3.23	63	756709	99.09	ug/L	99
20) cis-1,2-Dichloroethene	3.97	96	450906	103.21	ug/L	100
22) 2-Butanone	4.04	43	658328	197.17	ug/L	99
23) Bromochloromethane	4.30	128	224893	99.74	ug/L	100
25) Chloroform	4.44	83	760660	99.62	ug/L	99
27) 1,2-Dichloroethane	5.19	62	569404	101.72	ug/L	99
29) Cyclohexane	4.73	56	643298	104.12	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	641642	98.24	ug/L	99
31) Carbon tetrachloride	4.88	117	547318	97.53	ug/L	99
33) Benzene	5.15	78	1750646	100.84	ug/L	100
34) Trichloroethene	5.96	95	410388	96.81	ug/L	99
35) Methylcyclohexane	6.18	83	698925	106.77	ug/L	98
37) 1,2-Dichloropropane	6.23	63	468475	101.84	ug/L	99
38) Bromodichloromethane	6.56	83	564590	99.05	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	671045	101.62	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	1181681	214.03	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090418\
 Data File : VV007340.D
 Acq On : 04 Sep 2018 20:23
 Operator : SY/MD
 Sample : VSTD10063
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10063

Manual Integrations
 APPROVED

MMDadoda
 9/6/2018 3:05:02 PM

Quant Time: Sep 05 01:16:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 05 00:58:40 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	1791968	105.32	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	633396	104.32	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	432857	98.80	ug/L	100
46) Tetrachloroethene	8.02	164	338288	99.02	ug/L	99
48) 2-Hexanone	8.20	43	951052	217.45	ug/L	99
49) Dibromochloromethane	8.30	129	459184	100.62	ug/L	98
50) 1,2-Dibromoethane	8.40	107	432829	100.08	ug/L	96
51) Chlorobenzene	8.93	112	1134390	100.34	ug/L	99
52) Ethylbenzene	9.06	91	1900942	108.67	ug/L	100
53) m,p-Xylene	9.19	106	736738	111.81	ug/L	99
54) o-xylene	9.59	106	713778	111.26	ug/L	99
55) Styrene	9.61	104	1281020	114.81	ug/L	99
56) Isopropylbenzene	9.98	105	1837079	111.97	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	696718	99.58	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	556785	99.07	ug/L	99
61) Bromoform	9.78	173	340126	93.03	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	828651	96.80	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	887007	96.62	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	916198	98.12	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	151190	97.66	ug/L	98
67) 1,3,5-Trichlorobenzene	12.70	180	656640	100.43	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	565966	109.48	ug/L	100
69) Naphthalene	13.56	128	1856806	126.57	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	634568	112.90	ug/L	99

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

