

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082218\
 Data File : VV007125.D
 Acq On : 22 Aug 2018 16:54
 Operator : SY/MD
 Sample : VSTD00578
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00578

Quant Time: Aug 23 07:42:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 23 07:39:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	636198	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	578681	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	233670	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	20018	4.25	ug/L	0.00
7) Chloroethane-d5	1.56	69	15317	4.12	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	39125	4.20	ug/L	0.00
21) 2-Butanone-d5	3.95	46	32484	11.15	ug/L	0.00
24) Chloroform-d	4.40	84	45084	5.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	26850	4.38	ug/L	0.00
32) Benzene-d6	5.10	84	82918	5.12	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	28182	5.49	ug/L	0.00
41) Toluene-d8	7.36	98	67588	4.42	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	11137	4.51	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	13875	6.50	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	39584	5.42	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	25010	5.03	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	31693	5.67	ug/L	100
3) Chloromethane	1.25	50	43914	8.42	ug/L	98
5) Vinyl chloride	1.32	62	32251	6.15	ug/L	99
6) Bromomethane	1.51	94	8710	3.51	ug/L	99
8) Chloroethane	1.58	64	18269	5.78	ug/L	100
9) Trichlorofluoromethane	1.76	101	40111	5.20	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	24283	5.69	ug/L	98
12) 1,1-Dichloroethene	2.14	96	22916	5.78	ug/L	93
13) Acetone	2.20	43	31404	9.53	ug/L	99
14) Carbon disulfide	2.31	76	73205	7.84	ug/L	98
15) Methyl Acetate	2.46	43	25596	5.22	ug/L	98
16) Methylene chloride	2.53	84	26812	5.95	ug/L	98
17) trans-1,2-Dichloroethene	2.79	96	25374	6.54	ug/L	95
18) Methyl tert-butyl Ether	2.81	73	76328	5.73	ug/L	97
19) 1,1-Dichloroethane	3.23	63	52775	6.63	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	27716	6.09	ug/L	93
22) 2-Butanone	4.04	43	42020	10.59	ug/L	97
23) Bromochloromethane	4.30	128	14678	6.46	ug/L	95
25) Chloroform	4.43	83	50223	5.94	ug/L	97
27) 1,2-Dichloroethane	5.19	62	37866	5.21	ug/L	100
29) Cyclohexane	4.72	56	36507	5.89	ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	42445	6.17	ug/L	97
31) Carbon tetrachloride	4.88	117	34188	5.82	ug/L	99
33) Benzene	5.15	78	106873	6.43	ug/L	100
34) Trichloroethene	5.96	95	26880	6.34	ug/L	98
35) Methylcyclohexane	6.18	83	36876	5.74	ug/L	99
37) 1,2-Dichloropropane	6.23	63	28684	6.36	ug/L	98
38) Bromodichloromethane	6.56	83	34611	6.05	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	35088	5.49	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	62145	9.54	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	93687	5.31	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	32836	5.33	ug/L	96
45) 1,1,2-Trichloroethane	7.89	97	27185	6.33	ug/L	96
46) Tetrachloroethene	8.02	164	20715	6.24	ug/L	97
48) 2-Hexanone	8.20	43	49196	9.14	ug/L	97
49) Dibromochloromethane	8.30	129	25724	5.84	ug/L	92
50) 1,2-Dibromoethane	8.40	107	25966	5.84	ug/L	99
51) Chlorobenzene	8.93	112	67239	5.73	ug/L	98
52) Ethylbenzene	9.06	91	91184	4.68	ug/L	99
53) m,p-Xylene	9.19	106	34349	4.78	ug/L	91
54) o-xylene	9.59	106	32757	4.55	ug/L	94
55) Styrene	9.61	104	51918	4.18	ug/L	98
56) Isopropylbenzene	9.98	105	76956	4.01	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.30	83	45339	6.14	ug/L	96
59) 1,2,3-Trichloropropane	10.33	75	37326	6.25	ug/L	99
61) Bromoform	9.78	173	18374	7.36	ug/L #	98
62) 1,3-Dichlorobenzene	11.23	146	41780	5.76	ug/L	96
63) 1,4-Dichlorobenzene	11.33	146	44377	5.68	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	45561	5.79	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.49	75	6305	5.09	ug/L	90
67) 1,3,5-Trichlorobenzene	12.70	180	25526	4.92	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	13836	3.32	ug/L	98
69) Naphthalene	13.56	128	34546	2.70	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	14412	3.23	ug/L	98

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

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