

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082218\
 Data File : VV007126.D
 Acq On : 22 Aug 2018 17:19
 Operator : SY/MD
 Sample : VSTD01079
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01079

Quant Time: Aug 23 07:42:37 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	558309	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	523862	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	216169	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32625	7.89	ug/L	0.00
7) Chloroethane-d5	1.56	69	22164	6.80	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	64382	7.88	ug/L	0.00
21) 2-Butanone-d5	3.96	46	54696	21.40	ug/L	0.00
24) Chloroform-d	4.40	84	72112	9.12	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	43462	8.08	ug/L	0.00
32) Benzene-d6	5.10	84	137118	9.35	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	47516	10.22	ug/L	0.00
41) Toluene-d8	7.36	98	112374	8.13	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	18927	8.46	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	24338	12.60	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	65237	9.88	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	41519	9.02	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	53508	10.90	ug/L	99
3) Chloromethane	1.25	50	68261	14.91	ug/L	97
5) Vinyl chloride	1.32	62	55141	11.97	ug/L	98
6) Bromomethane	1.51	94	13534	6.21	ug/L	93
8) Chloroethane	1.58	64	30928	11.14	ug/L	95
9) Trichlorofluoromethane	1.76	101	65875	9.72	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	41463	11.07	ug/L	97
12) 1,1-Dichloroethene	2.13	96	39125	11.24	ug/L	98
13) Acetone	2.20	43	47098	16.28	ug/L	99
14) Carbon disulfide	2.31	76	116619	14.23	ug/L	98
15) Methyl Acetate	2.46	43	45245	10.51	ug/L	97
16) Methylene chloride	2.54	84	46107	11.65	ug/L	96
17) trans-1,2-Dichloroethene	2.79	96	42378	12.45	ug/L	97
18) Methyl tert-butyl Ether	2.81	73	129819	11.11	ug/L	99
19) 1,1-Dichloroethane	3.23	63	86154	12.33	ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	47434	11.88	ug/L	98
22) 2-Butanone	4.04	43	70931	20.37	ug/L	100
23) Bromochloromethane	4.30	128	24973	12.53	ug/L	98
25) Chloroform	4.43	83	83648	11.28	ug/L	100
27) 1,2-Dichloroethane	5.19	62	64305	10.07	ug/L	99
29) Cyclohexane	4.72	56	63039	11.24	ug/L	98
30) 1,1,1-Trichloroethane	4.66	97	69170	11.11	ug/L	98
31) Carbon tetrachloride	4.88	117	57603	10.83	ug/L	100
33) Benzene	5.15	78	180107	11.97	ug/L	100
34) Trichloroethene	5.96	95	44471	11.60	ug/L	92
35) Methylcyclohexane	6.18	83	62916	10.82	ug/L	99
37) 1,2-Dichloropropane	6.23	63	50232	12.31	ug/L	# 93
38) Bromodichloromethane	6.56	83	59374	11.46	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	62120	10.75	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	107634	18.25	ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	168016	10.52	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	56256	10.08	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	46910	12.06	ug/L	97
46) Tetrachloroethene	8.02	164	35473	11.80	ug/L	95
48) 2-Hexanone	8.20	43	87322	17.91	ug/L	92
49) Dibromochloromethane	8.30	129	44887	11.26	ug/L	99
50) 1,2-Dibromoethane	8.40	107	44967	11.18	ug/L	95
51) Chlorobenzene	8.93	112	115664	10.89	ug/L	98
52) Ethylbenzene	9.06	91	159951	9.06	ug/L	99
53) m,p-Xylene	9.19	106	58211	8.96	ug/L	99
54) o-xylene	9.59	106	56315	8.63	ug/L	95
55) Styrene	9.61	104	90997	8.09	ug/L	97
56) Isopropylbenzene	9.98	105	142981	8.22	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.30	83	78337	11.72	ug/L	97
59) 1,2,3-Trichloropropane	10.33	75	62907	11.63	ug/L	100
61) Bromoform	9.78	173	32431	14.04	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	71492	10.66	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	75828	10.50	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	78836	10.83	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	10695	9.34	ug/L	92
67) 1,3,5-Trichlorobenzene	12.70	180	44823	9.34	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	25265	6.55	ug/L	98
69) Naphthalene	13.56	128	60381	5.10	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	27921	6.76	ug/L	97

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

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