

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV082418\
 Data File : VV007174.D
 Acq On : 24 Aug 2018 16:40
 Operator : SY/MD
 Sample : VSTD00568
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00568

Quant Time: Aug 24 23:21:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082418WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 24 23:19:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	691658	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	653627	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	282955	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22608	5.10	ug/L	0.00
7) Chloroethane-d5	1.58	69	19497	6.60	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	41565	5.13	ug/L	0.00
21) 2-Butanone-d5	3.96	46	32345	8.85	ug/L	0.01
24) Chloroform-d	4.41	84	45323	4.88	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	27706	4.94	ug/L	0.00
32) Benzene-d6	5.11	84	87260	4.79	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	30015	5.00	ug/L	0.00
41) Toluene-d8	7.37	98	71317	4.44	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	12297	4.75	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	12220	5.83	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	40043	4.68	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	32744	5.77	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	28824	4.677 ug/L	97
3) Chloromethane	1.25	50	34087	4.357 ug/L	100
5) Vinyl chloride	1.32	62	30023	4.659 ug/L	98
6) Bromomethane	1.54	94	8864	5.291 ug/L	89
8) Chloroethane	1.60	64	17976	5.052 ug/L	95
9) Trichlorofluoromethane	1.77	101	38749	4.952 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	23509	4.929 ug/L	97
12) 1,1-Dichloroethene	2.14	96	22764	5.008 ug/L	97
13) Acetone	2.20	43	30157	10.708 ug/L	98
14) Carbon disulfide	2.32	76	75171	5.422 ug/L	98
15) Methyl Acetate	2.47	43	24135	4.670 ug/L	98
16) Methylene chloride	2.54	84	26286	5.033 ug/L	99
17) trans-1,2-Dichloroethene	2.79	96	24715	5.025 ug/L	98
18) Methyl tert-butyl Ether	2.82	73	68770	4.574 ug/L	99
19) 1,1-Dichloroethane	3.23	63	48538	4.789 ug/L	98
20) cis-1,2-Dichloroethene	3.97	96	26910	4.692 ug/L	97
22) 2-Butanone	4.05	43	41864	9.405 ug/L	99
23) Bromochloromethane	4.31	128	14233	4.843 ug/L	94
25) Chloroform	4.44	83	46401	4.670 ug/L	93
27) 1,2-Dichloroethane	5.19	62	33231	4.427 ug/L	100
29) Cyclohexane	4.73	56	34252	4.224 ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	38637	4.714 ug/L	99
31) Carbon tetrachloride	4.88	117	32815	4.749 ug/L	98
33) Benzene	5.15	78	98135	4.450 ug/L	100
34) Trichloroethene	5.96	95	25981	4.932 ug/L	97
35) Methylcyclohexane	6.18	83	35295	4.195 ug/L	96
37) 1,2-Dichloropropane	6.23	63	26437	4.492 ug/L	# 96
38) Bromodichloromethane	6.56	83	33696	4.784 ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	33426	4.196 ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	56776	7.971 ug/L	98

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42) Toluene	7.44	91	87225	4.091	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	31136	4.208	ug/L	96
45) 1,1,2-Trichloroethane	7.89	97	24132	4.397	ug/L	96
46) Tetrachloroethene	8.02	164	20566	4.796	ug/L	96
48) 2-Hexanone	8.20	43	46764	8.277	ug/L	93
49) Dibromochloromethane	8.30	129	24624	4.460	ug/L	96
50) 1,2-Dibromoethane	8.40	107	24936	4.599	ug/L	95
51) Chlorobenzene	8.93	112	67760	4.790	ug/L	98
52) Ethylbenzene	9.06	91	90809	4.189	ug/L	100
53) m,p-Xylene	9.19	106	33616	4.053	ug/L	96
54) o-xylene	9.59	106	30709	3.827	ug/L	98
55) Styrene	9.61	104	51722	3.738	ug/L	100
56) Isopropylbenzene	9.98	105	79332	3.911	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.29	83	41876	4.467	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	32992	4.379	ug/L	95
61) Bromoform	9.78	173	17733	4.660	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	45916	5.040	ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	52683	5.455	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	49065	4.931	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	6527	4.655	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	32209	5.116	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	20489	4.762	ug/L	98
69) Naphthalene	13.56	128	51132	4.393	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	21669	4.639	ug/L	95

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

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