

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102318\
 Data File : VV008382.D
 Acq On : 23 Oct 2018 18:24
 Operator : SY/MD
 Sample : VSTD01052
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01052

Quant Time: Oct 24 02:28:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102318WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 24 02:24:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	178072	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	160861	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	68272	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	10314	10.35	ug/L	0.00
7) Chloroethane-d5	1.57	69	7527	12.23	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	18070	9.71	ug/L	0.00
21) 2-Butanone-d5	3.94	46	21794	20.97	ug/L	0.00
24) Chloroform-d	4.41	84	25142	10.59	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	16837	10.61	ug/L	0.00
32) Benzene-d6	5.11	84	47832	10.32	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	17006	10.74	ug/L	0.00
41) Toluene-d8	7.36	98	43377	10.32	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	7499	9.67	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	16663	23.87	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	22111	12.14	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	14761	10.53	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	12847	9.827 ug/L	99
3) Chloromethane	1.25	50	14082	10.813 ug/L	98
5) Vinyl chloride	1.33	62	12733	9.817 ug/L	86
6) Bromomethane	1.52	94	3364	9.136 ug/L	89
8) Chloroethane	1.59	64	6632	10.161 ug/L #	83
9) Trichlorofluoromethane	1.77	101	16439	9.791 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	8452	9.477 ug/L	98
12) 1,1-Dichloroethene	2.14	96	8067	9.654 ug/L	94
13) Acetone	2.19	43	14998	20.054 ug/L	100
14) Carbon disulfide	2.32	76	35411	11.971 ug/L	98
15) Methyl Acetate	2.46	43	16951	12.804 ug/L	100
16) Methylene chloride	2.54	84	14005	13.323 ug/L	95
17) trans-1,2-Dichloroethene	2.80	96	12262	12.602 ug/L	97
18) Methyl tert-butyl Ether	2.81	73	43208	12.354 ug/L	98
19) 1,1-Dichloroethane	3.23	63	25262	9.898 ug/L	98
20) cis-1,2-Dichloroethene	3.97	96	13839	9.466 ug/L	97
22) 2-Butanone	4.03	43	24220	18.732 ug/L	97
23) Bromochloromethane	4.31	128	6514	9.778 ug/L	97
25) Chloroform	4.44	83	24424	9.721 ug/L	100
27) 1,2-Dichloroethane	5.19	62	20510	9.805 ug/L	98
29) Cyclohexane	4.73	56	23689	9.581 ug/L	99
30) 1,1,1-Trichloroethane	4.67	97	20999	9.625 ug/L	99
31) Carbon tetrachloride	4.88	117	17553	9.576 ug/L	100
33) Benzene	5.15	78	53063	9.609 ug/L	100
34) Trichloroethene	5.96	95	13579	8.522 ug/L	93
35) Methylcyclohexane	6.18	83	23085	9.543 ug/L	99
37) 1,2-Dichloropropane	6.23	63	14706	9.737 ug/L	99
38) Bromodichloromethane	6.56	83	18355	9.594 ug/L	96
39) cis-1,3-Dichloropropene	7.08	75	23215	9.767 ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	43448	19.623 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	55487	9.721	ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	20597	9.364	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	13020	9.866	ug/L	95
46) Tetrachloroethene	8.02	164	8607	9.312	ug/L	97
48) 2-Hexanone	8.19	43	32495	18.420	ug/L	100
49) Dibromochloromethane	8.30	129	12940	9.297	ug/L	100
50) 1,2-Dibromoethane	8.40	107	13335	9.544	ug/L	97
51) Chlorobenzene	8.93	112	33607	9.574	ug/L	98
52) Ethylbenzene	9.06	91	60614	9.616	ug/L	97
53) m,p-Xylene	9.19	106	21594	9.475	ug/L	99
54) o-xylene	9.59	106	22451	9.999	ug/L	95
55) Styrene	9.61	104	36489	9.682	ug/L	96
56) Isopropylbenzene	9.98	105	57250	9.571	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	21948	11.565	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	18370	10.073	ug/L	99
61) Bromoform	9.78	173	8578	10.071	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	22233	9.408	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	22664	9.527	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	23158	9.615	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	4814	10.482	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	14090	9.243	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	10566	8.564	ug/L	98
69) Naphthalene	13.56	128	33821	7.773	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	11040	8.765	ug/L	99

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

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