

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV110618\
 Data File : VV008531.D
 Acq On : 06 Nov 2018 15:01
 Operator : SY/MD
 Sample : VSTD005
 Misc : 5.0 mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00567

Quant Time: Nov 07 08:51:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM110618WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 07 08:48:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	224787	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	202079	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	79071	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	3529	2.47	ug/L	0.00
7) Chloroethane-d5	1.57	69	3357	4.22	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	7142	3.11	ug/L	0.00
21) 2-Butanone-d5	3.94	46	8827	6.38	ug/L	0.00
24) Chloroform-d	4.41	84	10623	3.39	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	7195	3.43	ug/L	0.00
32) Benzene-d6	5.10	84	18391	3.01	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	6812	3.31	ug/L	0.00
41) Toluene-d8	7.36	98	17524	3.14	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	2949	2.82	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	6687	6.44	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	9358	3.29	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	6078	3.51	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	6130	3.698 ug/L	98
3) Chloromethane	1.25	50	6234	3.728 ug/L	99
5) Vinyl chloride	1.33	62	5672	3.644 ug/L	96
6) Bromomethane	1.51	94	1846	4.751 ug/L	98
8) Chloroethane	1.59	64	2812	3.534 ug/L	90
9) Trichlorofluoromethane	1.77	101	6905	3.668 ug/L	91
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	3757	3.728 ug/L	95
12) 1,1-Dichloroethene	2.14	96	3667	3.947 ug/L	92
13) Acetone	2.19	43	8433	7.365 ug/L	96
14) Carbon disulfide	2.32	76	14775	3.299 ug/L	98
15) Methyl Acetate	2.46	43	7085	3.739 ug/L	100
16) Methylene chloride	2.54	84	5993	3.735 ug/L	96
17) trans-1,2-Dichloroethene	2.79	96	5530	3.825 ug/L	84
18) Methyl tert-butyl Ether	2.81	73	16763	3.303 ug/L	99
19) 1,1-Dichloroethane	3.23	63	10254	3.560 ug/L	99
20) cis-1,2-Dichloroethene	3.96	96	3394	2.041 ug/L	83
22) 2-Butanone	4.02	43	9588	6.233 ug/L #	71
23) Bromochloromethane	4.30	128	2480	3.263 ug/L	94
25) Chloroform	4.43	83	9505	3.335 ug/L	96
27) 1,2-Dichloroethane	5.18	62	8115	3.496 ug/L #	91
29) Cyclohexane	4.73	56	9368	3.449 ug/L	96
30) 1,1,1-Trichloroethane	4.67	97	8036	3.350 ug/L	99
31) Carbon tetrachloride	4.66	117	886	0.433 ug/L	99
33) Benzene	5.15	78	20774	3.415 ug/L	100
34) Trichloroethene	5.96	95	5276	3.364 ug/L	92
35) Methylcyclohexane	6.18	83	8032	2.997 ug/L #	85
37) 1,2-Dichloropropane	6.22	63	5514	3.267 ug/L #	95
38) Bromodichloromethane	6.56	83	7160	3.411 ug/L	91
39) cis-1,3-Dichloropropene	7.07	75	8131	3.079 ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	14129	5.658 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.43	91	20211	3.213	ug/L	89
44) trans-1,3-Dichloropropene	7.70	75	6939	2.796	ug/L	88
45) 1,1,2-Trichloroethane	7.88	97	4980	3.382	ug/L	97
46) Tetrachloroethene	8.02	164	3841	3.569	ug/L	93
48) 2-Hexanone	8.19	43	11092	5.507	ug/L	98
49) Dibromochloromethane	8.29	129	4744	2.983	ug/L	89
50) 1,2-Dibromoethane	8.40	107	4922	3.155	ug/L #	96
51) Chlorobenzene	8.93	112	12686	3.202	ug/L	99
52) Ethylbenzene	9.06	91	22456	3.148	ug/L	99
53) m,p-Xylene	9.18	106	8223	3.098	ug/L	99
54) o-xylene	9.59	106	8203	3.131	ug/L	98
55) Styrene	9.61	104	12322	2.770	ug/L	93
56) Isopropylbenzene	9.98	105	20204	2.961	ug/L	96
58) 1,1,2,2-Tetrachloroethane	10.29	83	7788	2.930	ug/L	93
59) 1,2,3-Trichloropropane	10.32	75	6698	3.089	ug/L	91
61) Bromoform	9.78	173	2907	3.212	ug/L #	98
62) 1,3-Dichlorobenzene	11.23	146	8583	3.455	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	8625	3.451	ug/L	90
65) 1,2-Dichlorobenzene	11.69	146	8694	3.508	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.48	75	1632	3.331	ug/L	95
67) 1,3,5-Trichlorobenzene	12.70	180	4629	2.846	ug/L	89
68) 1,2,4-trichlorobenzene	13.32	180	2943	2.330	ug/L	97
69) Naphthalene	13.56	128	8368	2.172	ug/L #	91
70) 1,2,3-Trichlorobenzene	13.80	180	3199	2.508	ug/L #	93

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

