

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092518\
 Data File : VV007849.D
 Acq On : 25 Sep 2018 12:02
 Operator : SY/MD
 Sample : VSTD00564
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00564

Manual Integrations
 APPROVED

apatel
 9/27/2018 12:28:47 PM

Quant Time: Sep 26 04:30:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092518WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 26 04:25:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	196697	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	185032	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	98998	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	6386	5.18	ug/L	0.00
7) Chloroethane-d5	1.59	69	5387	5.06	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	13321	5.07	ug/L	0.00
21) 2-Butanone-d5	3.96	46	8144	9.80	ug/L	0.00
24) Chloroform-d	4.41	84	12221	4.77	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	8837	4.84	ug/L	0.00
32) Benzene-d6	5.10	84	24770	5.00	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	7870	5.07	ug/L	0.00
41) Toluene-d8	7.36	98	24015	4.81	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	3121	4.22	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	5912m	9.31	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	10818	4.72	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	11606	5.27	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	7053	5.056 ug/L	95
3) Chloromethane	1.26	50	6840	5.098 ug/L	98
5) Vinyl chloride	1.33	62	7348	5.102 ug/L	97
6) Bromomethane	1.54	94	4002	5.018 ug/L	97
8) Chloroethane	1.60	64	4970	5.533 ug/L	97
9) Trichlorofluoromethane	1.78	101	12507	5.183 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	7150	5.302 ug/L	98
12) 1,1-Dichloroethene	2.15	96	6412	5.304 ug/L	97
13) Acetone	2.19	43	12210	12.197 ug/L	100
14) Carbon disulfide	2.33	76	15563	4.929 ug/L	99
15) Methyl Acetate	2.47	43	7719	5.256 ug/L	97
16) Methylene chloride	2.54	84	6895	5.149 ug/L	94
17) trans-1,2-Dichloroethene	2.80	96	6459	5.003 ug/L	96
18) Methyl tert-butyl Ether	2.81	73	20215	5.025 ug/L	100
19) 1,1-Dichloroethane	3.23	63	11177	5.044 ug/L	98
20) cis-1,2-Dichloroethene	3.97	96	6907	4.937 ug/L	99
22) 2-Butanone	4.04	43	11605	10.116 ug/L	97
23) Bromochloromethane	4.31	128	3583	4.923 ug/L	93
25) Chloroform	4.44	83	12963	4.929 ug/L	98
27) 1,2-Dichloroethane	5.19	62	9882	4.741 ug/L	100
29) Cyclohexane	4.73	56	9944	5.025 ug/L	99
30) 1,1,1-Trichloroethane	4.66	97	10339	4.933 ug/L	97
31) Carbon tetrachloride	4.88	117	8768	4.736 ug/L	100
33) Benzene	5.15	78	24605	4.945 ug/L	100
34) Trichloroethene	5.96	95	7234	5.241 ug/L	91
35) Methylcyclohexane	6.18	83	10760	4.969 ug/L	99
37) 1,2-Dichloropropane	6.23	63	6752	5.088 ug/L	# 96
38) Bromodichloromethane	6.56	83	7457	4.440 ug/L	93
39) cis-1,3-Dichloropropene	7.08	75	8746	4.540 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	17471	9.317 ug/L	98

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

42) Toluene	7.44	91	27190	4.850	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	8013	4.185	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	6578	4.961	ug/L	96
46) Tetrachloroethene	8.02	164	6990	5.270	ug/L	95
48) 2-Hexanone	8.19	43	12624	8.518	ug/L #	86
49) Dibromochloromethane	8.29	129	6135	4.231	ug/L	92
50) 1,2-Dibromoethane	8.40	107	6624	4.646	ug/L	97
51) Chlorobenzene	8.93	112	19640	5.062	ug/L	99
52) Ethylbenzene	9.06	91	30279	4.782	ug/L	99
53) m,p-Xylene	9.19	106	11320	4.692	ug/L	94
54) o-xylene	9.59	106	10765	4.593	ug/L	92
55) Styrene	9.61	104	17565	4.376	ug/L	99
56) Isopropylbenzene	9.98	105	29470	4.613	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	10119	4.669	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	8664	4.905	ug/L	98
61) Bromoform	9.78	173	4269	4.089	ug/L #	95
62) 1,3-Dichlorobenzene	11.23	146	15076	4.867	ug/L	95
63) 1,4-Dichlorobenzene	11.32	146	17656	5.364	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	16449	5.117	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	1993	4.739	ug/L	91
67) 1,3,5-Trichlorobenzene	12.70	180	13370	5.120	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	10434	4.736	ug/L	99
69) Naphthalene	13.56	128	22024	4.086	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	10574	4.740	ug/L	98

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

