

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092518\
 Data File : VV007851.D
 Acq On : 25 Sep 2018 12:52
 Operator : SY/MD
 Sample : VSTD05066
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05066

Quant Time: Sep 26 04:27:14 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	192398	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	191762	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	106087	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	61234	50.77	ug/L	0.00
7) Chloroethane-d5	1.59	69	53193	51.07	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	132629	51.61	ug/L	0.00
21) 2-Butanone-d5	3.95	46	82069	100.96	ug/L	0.00
24) Chloroform-d	4.41	84	127469	50.88	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	92024	51.51	ug/L	0.00
32) Benzene-d6	5.11	84	257664	50.17	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.13	67	80165	49.85	ug/L	0.00
41) Toluene-d8	7.36	98	265956	51.38	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	39929	52.15	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	68663	104.30	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	120829	50.90	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	115861	49.13	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	71463	52.375	ug/L 100
3) Chloromethane	1.26	50	66524	50.688	ug/L 100
5) Vinyl chloride	1.33	62	71955	51.081	ug/L 100
6) Bromomethane	1.54	94	39733	50.934	ug/L 100
8) Chloroethane	1.60	64	44639	50.805	ug/L 100
9) Trichlorofluoromethane	1.78	101	120908	51.225	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	68589	51.997	ug/L 100
12) 1,1-Dichloroethene	2.15	96	60499	51.165	ug/L 100
13) Acetone	2.19	43	100586	102.720	ug/L 100
14) Carbon disulfide	2.33	76	156793	50.768	ug/L 100
15) Methyl Acetate	2.46	43	74538	51.888	ug/L 100
16) Methylene chloride	2.54	84	67427	51.474	ug/L 100
17) trans-1,2-Dichloroethene	2.80	96	64936	51.417	ug/L 100
18) Methyl tert-butyl Ether	2.81	73	204198	51.893	ug/L 100
19) 1,1-Dichloroethane	3.24	63	111803	51.587	ug/L 100
20) cis-1,2-Dichloroethene	3.97	96	70492	51.514	ug/L 100
22) 2-Butanone	4.04	43	115847	103.238	ug/L 100
23) Bromochloromethane	4.31	128	36633	51.454	ug/L 100
25) Chloroform	4.43	83	131783	51.231	ug/L 100
27) 1,2-Dichloroethane	5.19	62	107089	52.528	ug/L 100
29) Cyclohexane	4.73	56	104472	50.944	ug/L 100
30) 1,1,1-Trichloroethane	4.67	97	110672	50.956	ug/L 100
31) Carbon tetrachloride	4.88	117	99357	51.779	ug/L 100
33) Benzene	5.15	78	261577	50.726	ug/L 100
34) Trichloroethene	5.96	95	70322	49.162	ug/L 100
35) Methylcyclohexane	6.18	83	114710	51.117	ug/L 100
37) 1,2-Dichloropropane	6.23	63	69609	50.618	ug/L 100
38) Bromodichloromethane	6.56	83	90758	52.145	ug/L 100
39) cis-1,3-Dichloropropene	7.08	75	102083	51.132	ug/L 100
40) 4-Methyl-2-pentanone	7.28	43	200313	103.076	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.44	91	300627	51.744	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	103304	52.061	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	70329	51.176	ug/L	100
46) Tetrachloroethene	8.02	164	67961	49.444	ug/L	100
48) 2-Hexanone	8.19	43	161407	105.086	ug/L	100
49) Dibromochloromethane	8.30	129	77942	51.869	ug/L	100
50) 1,2-Dibromoethane	8.40	107	77522	52.462	ug/L	100
51) Chlorobenzene	8.93	112	203398	50.579	ug/L	100
52) Ethylbenzene	9.06	91	336478	51.271	ug/L	100
53) m,p-Xylene	9.19	106	127763	51.098	ug/L	100
54) o-xylene	9.59	106	125089	51.501	ug/L	100
55) Styrene	9.61	104	218142	52.435	ug/L	100
56) Isopropylbenzene	9.98	105	342930	51.801	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.29	83	116157	51.720	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	94216	51.464	ug/L	100
61) Bromoform	9.78	173	58338	52.146	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	170387	51.332	ug/L	100
63) 1,4-Dichlorobenzene	11.32	146	175536	49.764	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	175294	50.890	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	23029	51.098	ug/L	100
67) 1,3,5-Trichlorobenzene	12.70	180	140235	50.113	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	120580	51.070	ug/L	100
69) Naphthalene	13.56	128	304526	52.725	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	123047	51.471	ug/L	100

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

