

Data Path : W:\HPCHEM1\MSVOA V\DATA\VV052718\
 Data File : VV006085.D
 Acq On : 27 May 2018 14:19
 Operator : SY/MD
 Sample : VSTD05072
 Misc : 5.0 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 27 23:59:00 2018
 Quant Method : W:\HPCHEM1\MSVOA_V\METHOD\SOMVLM052718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sun May 27 23:57:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	269907	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	252680	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	134958	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	111098	57.00	ug/L	0.00
7) Chloroethane-d5	1.55	69	37235	30.73	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	199616	55.36	ug/L	0.00
21) 2-Butanone-d5	3.95	46	105048	97.85	ug/L	0.00
24) Chloroform-d	4.41	84	195058	54.01	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	127590	54.04	ug/L	0.00
32) Benzene-d6	5.10	84	405035	58.05	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	132411	59.10	ug/L	0.00
41) Toluene-d8	7.36	98	381644	59.08	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	58421	57.75	ug/L	0.00
47) 2-Hexanone-d5	8.15	63	108988	123.30	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.27	84	193047	62.02	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.68	152	167767	59.61	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	98691	42.75	ug/L	100
3) Chloromethane	1.26	50	108037	42.55	ug/L	100
5) Vinyl chloride	1.32	62	110855	48.55	ug/L	100
6) Bromomethane	1.51	94	37841	39.46	ug/L	100
8) Chloroethane	1.57	64	25920	22.42	ug/L	100
9) Trichlorofluoromethane	1.74	101	144704	45.92	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	90590	50.20	ug/L	100
12) 1,1-Dichloroethene	2.13	96	81836	49.26	ug/L	100
13) Acetone	2.20	43	119058	104.69	ug/L	100
14) Carbon disulfide	2.31	76	225353	46.18	ug/L	100
15) Methyl Acetate	2.46	43	108016	46.60	ug/L	100
16) Methylene chloride	2.54	84	93445	47.39	ug/L	100
17) trans-1,2-Dichloroethene	2.79	96	86935	48.81	ug/L	100
18) Methyl tert-butyl Ether	2.82	73	289784	48.36	ug/L	100
19) 1,1-Dichloroethane	3.23	63	165589	45.87	ug/L	100
20) cis-1,2-Dichloroethene	3.96	96	95378	45.41	ug/L	100
22) 2-Butanone	4.04	43	158000	98.92	ug/L	100
23) Bromochloromethane	4.30	128	47940	46.70	ug/L	100
25) Chloroform	4.43	83	163585	43.64	ug/L	100
27) 1,2-Dichloroethane	5.19	62	129333	42.63	ug/L	100
29) Cyclohexane	4.72	56	148562	48.27	ug/L	100
30) 1,1,1-Trichloroethane	4.66	97	135982	42.34	ug/L	100
31) Carbon tetrachloride	4.88	117	119476	43.07	ug/L	100
33) Benzene	5.15	78	372589	47.59	ug/L	100
34) Trichloroethene	5.96	95	90709	45.29	ug/L	100
35) Methylcyclohexane	6.18	83	155519	49.29	ug/L	100
37) 1,2-Dichloropropane	6.23	63	102121	48.42	ug/L	100
38) Bromodichloromethane	6.56	83	118388	44.27	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	145782	47.47	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	277501	99.39	ug/L	100

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

42) Toluene	7.44	91	389805	47.99	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	134873	46.84	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	92771	46.58	ug/L	100
46) Tetrachloroethene	8.02	164	77725	50.25	ug/L	100
48) 2-Hexanone	8.20	43	236150	108.19	ug/L	100
49) Dibromochloromethane	8.30	129	98355	46.82	ug/L	100
50) 1,2-Dibromoethane	8.40	107	94358	46.10	ug/L	100
51) Chlorobenzene	8.93	112	251274	46.29	ug/L	100
52) Ethylbenzene	9.06	91	423723	47.54	ug/L	100
53) m,p-Xylene	9.19	106	163231	49.31	ug/L	100
54) o-xylene	9.59	106	160762	49.34	ug/L	100
55) Styrene	9.61	104	279456	50.00	ug/L	100
56) Isopropylbenzene	9.98	105	424260	48.78	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.30	83	168880	50.79	ug/L	100
59) 1,2,3-Trichloropropane	10.33	75	129664	48.29	ug/L	100
61) Bromoform	9.79	173	75712	47.04	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	205596	46.28	ug/L	100
63) 1,4-Dichlorobenzene	11.33	146	215794	46.29	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	230577	48.04	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	30062	39.14	ug/L	100
67) 1,3,5-Trichlorobenzene	12.70	180	164359	50.74	ug/L	100
68) 1,2,4-trichlorobenzene	13.32	180	132622	50.24	ug/L	100
69) Naphthalene	13.56	128	369783	46.40	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	145300	50.18	ug/L	100

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

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