

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW073118\
 Data File : VW004364.D
 Acq On : 31 Jul 2018 18:04
 Operator : SY/AP
 Sample : VSTD2.582
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTD2.582

Manual Integrations
 APPROVED

MMDadoda
 8/1/2018 4:12:01 PM

Quant Time: Jul 31 20:24:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM073118S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 31 17:41:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	365744	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	345861	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	179375	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	7110	2.88	ug/L	0.00
7) Chloroethane-d5	2.89	69	7233	2.44	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	25252	3.30	ug/L	0.00
20) 2-Butanone-d5	7.09	46	9798	6.02	ug/L	0.00
24) Chloroform-d	7.65	84	28076	3.26	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	15431	3.20	ug/L	0.00
29) Benzene-d6	8.28	84	53139	3.07	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.28	67	17395	3.32	ug/L	0.00
37) Toluene-d8	10.33	98	49239	2.95	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	7519	2.91	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	6600	4.87	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.70	84	17148	3.16	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	20486	3.09	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	9764	3.08	ug/L	95
3) Chloromethane	2.22	50	9460	3.04	ug/L	84
5) Vinyl chloride	2.37	62	9058	2.67	ug/L	95
6) Bromomethane	2.78	94	6883	2.39	ug/L	98
8) Chloroethane	2.93	64	6603	2.33	ug/L	99
9) Trichlorofluoromethane	3.25	101	8060	2.43	ug/L	98
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	15025m	3.30	ug/L	
12) 1,1-Dichloroethene	4.04	96	13156	3.09	ug/L	92
13) Acetone	4.13	43	10961	7.75	ug/L	99
14) Carbon disulfide	4.37	76	37314m	3.05	ug/L	
15) Methyl Acetate	4.67	43	9462	3.44	ug/L	# 73
16) Methylene chloride	4.91	84	22458	4.10	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	19574	2.89	ug/L	96
18) trans-1,2-Dichloroethene	5.41	96	14276	3.06	ug/L	97
19) 1,1-Dichloroethane	6.21	63	25751	3.22	ug/L	95
21) 2-Butanone	7.18	43	12338	6.45	ug/L	94
22) cis-1,2-Dichloroethene	7.17	96	15275	2.95	ug/L	90
23) Bromochloromethane	7.51	128	7229	2.95	ug/L	81
25) Chloroform	7.68	83	26074	3.03	ug/L	99
27) 1,2-Dichloroethane	8.40	62	17620	3.06	ug/L	# 94
30) Cyclohexane	7.95	56	21289	2.73	ug/L	92
31) 1,1,1-Trichloroethane	7.87	97	21329	2.93	ug/L	98
32) Carbon tetrachloride	8.07	117	20490	2.88	ug/L	98
34) Benzene	8.32	78	57857	3.04	ug/L	100
35) Trichloroethene	9.09	95	15262	2.95	ug/L	99
36) Methylcyclohexane	9.34	83	25355	2.75	ug/L	95
40) 1,2-Dichloropropane	9.37	63	14616	3.10	ug/L	100
41) Bromodichloromethane	9.65	83	18315	2.93	ug/L	# 98
42) cis-1,3-Dichloropropene	10.08	75	21119	2.78	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	21098	5.63	ug/L	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Toluene	10.39	91	59938	2.87	ug/L	96
45) trans-1,3-Dichloropropene	10.61	75	18740	2.73	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	11644	2.91	ug/L	98
47) Tetrachloroethene	10.87	164	12997	2.90	ug/L	95
49) 2-Hexanone	10.98	43	15753	5.70	ug/L	94
50) Dibromochloromethane	11.13	129	14067	2.91	ug/L	93
51) 1,2-Dibromoethane	11.24	107	11263	2.83	ug/L	97
52) Chlorobenzene	11.66	112	41054	2.97	ug/L	98
53) Ethylbenzene	11.74	91	66032	2.81	ug/L	97
54) m,p-Xylene	11.85	106	24152	2.66	ug/L	91
55) o-xylene	12.17	106	23043	2.72	ug/L	98
56) Styrene	12.19	104	38584	2.65	ug/L	95
57) Isopropylbenzene	12.47	105	61813	2.58	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.72	83	16080	3.00	ug/L #	95
59) 1,2,3-Trichloropropane	12.77	75	12449	3.03	ug/L	98
62) Bromoform	12.35	173	8969	2.82	ug/L #	94
63) 1,3-Dichlorobenzene	13.51	146	32312	2.88	ug/L	91
64) 1,4-Dichlorobenzene	13.59	146	34397	3.01	ug/L	95
65) 1,2-Dichlorobenzene	13.88	146	30902	2.96	ug/L	92
66) 1,2-Dibromo-3-chloropropan	14.49	75	3013	3.05	ug/L #	82
67) 1,3,5-Trichlorobenzene	14.64	180	26695	3.01	ug/L	97
68) 1,2,4-trichlorobenzene	15.15	180	21609	2.88	ug/L	98
69) Naphthalene	15.38	128	44278	2.57	ug/L	99
70) 1,2,3-Trichlorobenzene	15.57	180	19848	2.86	ug/L	99

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

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