

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW042919\
 Data File : VW010176.D
 Acq On : 29 Apr 2019 11:19
 Operator : SY/VA
 Sample : VSTD00527
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00527

Manual Integrations
 APPROVED

MMDadoda
 5/2/2019 1:06:59 PM

Quant Time: Apr 29 13:02:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042919S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 29 12:50:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	688305	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	647610	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	317721	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	42099	6.40	ug/L	0.00
7) Chloroethane-d5	2.89	69	32644	6.00	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.01	63	92530	4.79	ug/L	0.00
20) 2-Butanone-d5	7.09	46	26693	8.59	ug/L	0.00
24) Chloroform-d	7.65	84	94444	5.15	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	53791	5.02	ug/L	0.00
29) Benzene-d6	8.27	84	181938	4.96	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	56598	4.95	ug/L	0.00
37) Toluene-d8	10.32	98	165463	4.97	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	25442	4.83	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	19214	8.00	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	47537	5.01	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	62271	5.29	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	46014	4.969 ug/L	94
3) Chloromethane	2.21	50	39550	5.458 ug/L	99
5) Vinyl chloride	2.37	62	52374	6.397 ug/L	96
6) Bromomethane	2.77	94	29099	5.828 ug/L	98
8) Chloroethane	2.92	64	31413	6.344 ug/L	98
9) Trichlorofluoromethane	3.25	101	26541	5.954 ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.05	101	45196	5.223 ug/L #	63
12) 1,1-Dichloroethene	4.04	96	44250	4.961 ug/L	88
13) Acetone	4.12	43	24536	10.464 ug/L	98
14) Carbon disulfide	4.37	76	121745	4.709 ug/L	97
15) Methyl Acetate	4.67	43	26263	4.734 ug/L	99
16) Methylene chloride	4.90	84	68765m	7.128 ug/L	
17) Methyl tert-butyl Ether	5.43	73	55909	4.749 ug/L	98
18) trans-1,2-Dichloroethene	5.42	96	47558	5.020 ug/L	95
19) 1,1-Dichloroethane	6.21	63	87532	4.882 ug/L	96
21) 2-Butanone	7.17	43	31715	8.723 ug/L	99
22) cis-1,2-Dichloroethene	7.16	96	49756	4.905 ug/L	98
23) Bromochloromethane	7.51	128	23074	5.179 ug/L	96
25) Chloroform	7.67	83	90909	5.136 ug/L	100
27) 1,2-Dichloroethane	8.40	62	64090	4.913 ug/L	100
30) Cyclohexane	7.95	56	73779	4.389 ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	73475	5.275 ug/L	98
32) Carbon tetrachloride	8.06	117	70512	5.114 ug/L	98
34) Benzene	8.32	78	192762	4.893 ug/L	100
35) Trichloroethene	9.09	95	52385	5.042 ug/L	99
36) Methylcyclohexane	9.34	83	82023	4.711 ug/L	96
40) 1,2-Dichloropropane	9.37	63	49258	4.846 ug/L	99
41) Bromodichloromethane	9.64	83	64779	4.931 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	73655	4.659 ug/L	97
43) 4-Methyl-2-pentanone	10.21	43	64997	8.299 ug/L	100

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44) Toluene	10.39	91	205742	4.934	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	64697	4.742	ug/L	95
46) 1,1,2-Trichloroethane	10.79	97	37279	5.055	ug/L	97
47) Tetrachloroethene	10.86	164	41399	5.222	ug/L	98
49) 2-Hexanone	10.97	43	43823	7.916	ug/L	94
50) Dibromochloromethane	11.13	129	44335	5.017	ug/L	97
51) 1,2-Dibromoethane	11.24	107	36474	4.977	ug/L	95
52) Chlorobenzene	11.66	112	136247	5.164	ug/L	98
53) Ethylbenzene	11.73	91	227221	4.855	ug/L	97
54) m,p-Xylene	11.84	106	85986	4.967	ug/L	95
55) o-xylene	12.16	106	81255	4.950	ug/L	94
56) Styrene	12.18	104	139329	4.990	ug/L	98
57) Isopropylbenzene	12.46	105	221039	4.949	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	12.71	83	46372	4.964	ug/L	98
59) 1,2,3-Trichloropropane	12.77	75	35213	4.981	ug/L	98
62) Bromoform	12.35	173	26499	5.020	ug/L	98
63) 1,3-Dichlorobenzene	13.50	146	100747	4.984	ug/L	97
64) 1,4-Dichlorobenzene	13.58	146	109042	5.198	ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	97662	5.223	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	7468	4.297	ug/L	86
67) 1,3,5-Trichlorobenzene	14.63	180	78084	5.267	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	61153	5.070	ug/L	100
69) Naphthalene	15.37	128	113127	3.798	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	57002	5.048	ug/L	99

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

