

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041519\
 Data File : VW009973.D
 Acq On : 15 Apr 2019 15:18
 Operator : SY/VA
 Sample : VSTD00504
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00504

Manual Integrations
 APPROVED

MMDadoda
 4/17/2019 9:26:18 AM

Quant Time: Apr 15 16:19:29 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041519S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Apr 15 16:09:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	622996	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	598615	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	281425	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	26679	3.27	ug/L	0.00
7) Chloroethane-d5	2.89	69	32030m	4.29	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	76900	4.39	ug/L	0.00
20) 2-Butanone-d5	7.08	46	27943	10.56	ug/L	0.00
24) Chloroform-d	7.65	84	91040	5.36	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	57460	5.51	ug/L	0.00
29) Benzene-d6	8.27	84	167225	5.32	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	53943	5.56	ug/L	0.00
37) Toluene-d8	10.32	98	149441	5.14	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	23446	5.06	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	18240	9.97	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	48898	5.42	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.86	152	53819	5.45	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	44402	5.411 ug/L	87
3) Chloromethane	2.22	50	36805	4.340 ug/L	99
5) Vinyl chloride	2.37	62	34485	3.170 ug/L	94
6) Bromomethane	2.78	94	26349	3.500 ug/L	99
8) Chloroethane	2.92	64	26414	3.699 ug/L	98
9) Trichlorofluoromethane	3.26	101	29935	4.486 ug/L	100
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	38711	4.460 ug/L	98
12) 1,1-Dichloroethene	4.04	96	35604	4.303 ug/L	91
13) Acetone	4.12	43	26470	9.333 ug/L	98
14) Carbon disulfide	4.38	76	95248	3.703 ug/L #	93
15) Methyl Acetate	4.66	43	29004m	5.609 ug/L	
16) Methylene chloride	4.92	84	63595	5.788 ug/L	93
17) Methyl tert-butyl Ether	5.42	73	51232	4.494 ug/L #	71
18) trans-1,2-Dichloroethene	5.41	96	41092	4.775 ug/L	93
19) 1,1-Dichloroethane	6.21	63	82979	5.025 ug/L	98
21) 2-Butanone	7.18	43	32854	9.109 ug/L	97
22) cis-1,2-Dichloroethene	7.16	96	42740	4.644 ug/L	97
23) Bromochloromethane	7.51	128	21393	5.066 ug/L	88
25) Chloroform	7.67	83	86774	5.016 ug/L	100
27) 1,2-Dichloroethane	8.40	62	66955	5.117 ug/L	98
30) Cyclohexane	7.95	56	57049	4.038 ug/L #	91
31) 1,1,1-Trichloroethane	7.87	97	62377	4.593 ug/L	99
32) Carbon tetrachloride	8.06	117	60979	4.479 ug/L	99
34) Benzene	8.32	78	175080	4.861 ug/L	100
35) Trichloroethene	9.09	95	44721	4.745 ug/L	98
36) Methylcyclohexane	9.34	83	68688	4.433 ug/L	97
40) 1,2-Dichloropropane	9.37	63	46808	5.077 ug/L	97
41) Bromodichloromethane	9.64	83	62856	4.941 ug/L #	98
42) cis-1,3-Dichloropropene	10.07	75	64089	4.487 ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	66632	9.304 ug/L	98

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44) Toluene	10.38	91	182910	4.794	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	58248	4.730	ug/L	99
46) 1,1,2-Trichloroethane	10.79	97	35755	5.167	ug/L	90
47) Tetrachloroethene	10.87	164	36796	4.957	ug/L	89
49) 2-Hexanone	10.97	43	46762	8.769	ug/L	98
50) Dibromochloromethane	11.13	129	41592	4.892	ug/L	97
51) 1,2-Dibromoethane	11.24	107	34186	4.929	ug/L #	99
52) Chlorobenzene	11.66	112	122076	4.971	ug/L	95
53) Ethylbenzene	11.73	91	195570	4.500	ug/L	100
54) m,p-Xylene	11.84	106	71480	4.447	ug/L	89
55) o-xylene	12.17	106	68387	4.467	ug/L	95
56) Styrene	12.18	104	119531	4.500	ug/L	100
57) Isopropylbenzene	12.46	105	178710	4.263	ug/L	98
58) 1,1,2,2-Tetrachloroethane	12.71	83	46599	5.008	ug/L	94
59) 1,2,3-Trichloropropane	12.77	75	34443	4.972	ug/L	99
62) Bromoform	12.35	173	22866	4.621	ug/L	94
63) 1,3-Dichlorobenzene	13.50	146	82921	4.763	ug/L	98
64) 1,4-Dichlorobenzene	13.58	146	92928	5.006	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	82608	4.960	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.49	75	8360	5.157	ug/L	97
67) 1,3,5-Trichlorobenzene	14.63	180	61477	4.759	ug/L	99
68) 1,2,4-trichlorobenzene	15.14	180	48099	4.637	ug/L	97
69) Naphthalene	15.37	128	88305	4.235	ug/L	98
70) 1,2,3-Trichlorobenzene	15.56	180	46113	4.752	ug/L	98

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

