

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072219\
 Data File : VW011416.D
 Acq On : 22 Jul 2019 12:44
 Operator : SY/VA
 Sample : VSTD00505
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD00505

Manual Integrations
 APPROVED

MMDadoda
 7/24/2019 4:14:59 PM

Quant Time: Jul 22 13:48:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM072219S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 22 13:42:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	461487	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	403824	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	195410	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	32334	4.59	ug/L	0.00
7) Chloroethane-d5	2.89	69	22952	4.64	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	71050	4.76	ug/L	0.00
20) 2-Butanone-d5	7.08	46	24555m	8.85	ug/L	0.00
24) Chloroform-d	7.65	84	62378	4.93	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.30	65	36688	4.71	ug/L	0.00
29) Benzene-d6	8.27	84	128425	5.16	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	41360	5.11	ug/L	0.00
37) Toluene-d8	10.32	98	113896	5.14	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	16403	4.76	ug/L	0.00
39) 2-Hexanone-d5	10.93	63	15265	8.22	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	31281	4.67	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	38538	5.14	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	20818	3.668 ug/L	87
3) Chloromethane	2.21	50	33511	5.438 ug/L	100
5) Vinyl chloride	2.36	62	40464	5.031 ug/L	97
6) Bromomethane	2.78	94	19250	5.116 ug/L	99
8) Chloroethane	2.92	64	21763	5.354 ug/L	99
9) Trichlorofluoromethane	3.25	101	17248	6.263 ug/L	97
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	30269	4.933 ug/L	99
12) 1,1-Dichloroethene	4.04	96	30291	4.995 ug/L	82
13) Acetone	4.12	43	23528	8.678 ug/L	100
14) Carbon disulfide	4.38	76	98946	5.704 ug/L	96
15) Methyl Acetate	4.67	43	19498	4.420 ug/L	99
16) Methylene chloride	4.92	84	36002	5.309 ug/L	95
17) Methyl tert-butyl Ether	5.42	73	47654	5.067 ug/L	100
18) trans-1,2-Dichloroethene	5.42	96	31997	5.221 ug/L	97
19) 1,1-Dichloroethane	6.21	63	62677	5.038 ug/L	99
21) 2-Butanone	7.17	43	31613	9.032 ug/L	100
22) cis-1,2-Dichloroethene	7.17	96	33743	5.087 ug/L	97
23) Bromochloromethane	7.52	128	13922	5.002 ug/L	89
25) Chloroform	7.68	83	59273	5.030 ug/L	100
27) 1,2-Dichloroethane	8.40	62	42101	4.674 ug/L	98
30) Cyclohexane	7.95	56	66408	5.409 ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	45940	5.481 ug/L	98
32) Carbon tetrachloride	8.07	117	42274	5.378 ug/L	99
34) Benzene	8.32	78	134500	5.329 ug/L	100
35) Trichloroethene	9.09	95	34801	5.464 ug/L	98
36) Methylcyclohexane	9.34	83	61041	5.326 ug/L	99
40) 1,2-Dichloropropane	9.37	63	36340	5.255 ug/L	100
41) Bromodichloromethane	9.65	83	41616	5.219 ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	51549	5.052 ug/L	96
43) 4-Methyl-2-pentanone	10.21	43	54410	8.487 ug/L	99

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44) Toluene	10.39	91	138909	5.317	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	42575	5.042	ug/L	96
46) 1,1,2-Trichloroethane	10.79	97	23673	4.943	ug/L	96
47) Tetrachloroethene	10.86	164	26858	5.580	ug/L	97
49) 2-Hexanone	10.97	43	40091	8.591	ug/L	97
50) Dibromochloromethane	11.13	129	24730	4.849	ug/L	93
51) 1,2-Dibromoethane	11.24	107	22431	4.851	ug/L	98
52) Chlorobenzene	11.66	112	84164	5.274	ug/L	95
53) Ethylbenzene	11.73	91	155602	5.251	ug/L	99
54) m,p-Xylene	11.84	106	56421	5.244	ug/L	99
55) o-xylene	12.16	106	52980	5.177	ug/L	100
56) Styrene	12.18	104	88632	5.048	ug/L	98
57) Isopropylbenzene	12.46	105	145153	5.196	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	30080	4.721	ug/L	95
59) 1,2,3-Trichloropropane	12.77	75	22733	4.646	ug/L	97
62) Bromoform	12.35	173	14167	4.865	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	61911	5.150	ug/L	100
64) 1,4-Dichlorobenzene	13.58	146	63941	5.195	ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	57691	5.155	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	4699	4.277	ug/L	93
67) 1,3,5-Trichlorobenzene	14.63	180	46802	5.138	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	38443	5.038	ug/L	99
69) Naphthalene	15.37	128	68210	4.268	ug/L	99
70) 1,2,3-Trichlorobenzene	15.56	180	34580	4.953	ug/L	100

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

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