Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082719\
Data File : VW012203.D
Acq On : 27 Aug 2019 11:06
Operator : SY/VA
Sample : K4514-04REMSD
Misc : 5.29G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : S602-M-1.0-1.5-082319MSD

Quant Time: Aug 28 04:54:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	593	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	320	86.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 172.56%			
35) Dibromofluoromethane	7.89	113	70	29.17	ug/l	0.00
Spiked Amount 50.000			Recovery = 58.34%			
50) Toluene-d8	10.32	98	597	61.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 122.72%			
62) 4-Bromofluorobenzene	12.62	95	711	207.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 414.62%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.03	85	64	33.314	ug/l #	43
3) Chloromethane	2.20	50	178	59.805	ug/l #	83
4) Vinyl Chloride	2.36	62	67	18.392	ug/l #	43
5) Bromomethane	2.79	94	158	85.640	ug/l	89
6) Chloroethane	2.89	64	166	80.777	ug/l #	45
8) Diethyl Ether	3.68	74	2863	1648.932	ug/l	73
9) 1,1,2-Trichlorotrifluoroet	4.06	101	217187	69851.107	ug/l	99
11) Tert butyl alcohol	5.20	59	3189	14287.587	ug/l #	79
12) 1,1-Dichloroethene	4.06	96	683	218.245	ug/l #	48
13) Acrolein	4.03	56	42	199.901	ug/l #	15
14) Allyl chloride	4.69	41	131	19.580	ug/l #	66
15) Acrylonitrile	5.38	53	50	58.099	ug/l #	17
16) Acetone	4.13	43	134746	142125.590	ug/l	99
17) Carbon Disulfide	4.37	76	832	87.968	ug/l #	75
18) Methyl Acetate	4.68	43	1652	703.512	ug/l #	89
19) Methyl tert-butyl Ether	5.43	73	74	14.622	ug/l #	52
20) Methylene Chloride	4.92	84	22440	6260.967	ug/l	97
21) trans-1,2-Dichloroethene	5.34	96	22	6.556	ug/l #	1
22) Diisopropyl ether	6.30	45	19	1.532	ug/l #	36
23) Vinyl Acetate	6.27	43	92	12.055	ug/l #	77
24) 1,1-Dichloroethane	6.26	63	20	2.962	ug/l #	84
25) 2-Butanone	7.18	43	4853	3766.899	ug/l	99
26) 2,2-Dichloropropane	7.15	77	700	183.156	ug/l #	54
27) cis-1,2-Dichloroethene	7.16	96	176	49.087	ug/l #	1
28) Bromochloromethane	7.54	49	22	7.475	ug/l #	24
29) Tetrahydrofuran	7.54	42	13333	17249.673	ug/l	98
30) Chloroform	7.66	83	53	8.579	ug/l #	19
31) Cyclohexane	7.96	56	333	49.846	ug/l #	68
36) 1,1-Dichloropropene	8.02	75	22	5.296	ug/l #	44
37) Ethyl Acetate	7.18	43	4853	2131.835	ug/l #	73
39) Methylcyclohexane	9.34	83	467	100.066	ug/l #	83
40) Benzene	8.32	78	1866	164.502	ug/l	96
41) Methacrylonitrile	7.54	41	7584	5668.394	ug/l #	51
42) 1,2-Dichloroethane	8.19	62	41	11.533	ug/l #	77

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
43) Isopropyl Acetate	8.42	43	307	72.806 ug/l #	55
44) Trichloroethene	9.10	130	536	194.377 ug/l	66
47) Bromodichloromethane	9.51	83	18	4.979 ug/l #	26
48) Methyl methacrylate	9.42	41	288	143.503 ug/l #	43
51) 4-Methyl-2-Pentanone	9.94	43	124	57.816 ug/l	100
52) Toluene	10.38	92	5941	871.823 ug/l	99
53) t-1,3-Dichloropropene	10.70	75	282	76.582 ug/l #	61
54) cis-1,3-Dichloropropene	10.12	75	22	4.948 ug/l #	28
55) 1,1,2-Trichloroethane	10.76	97	74	38.505 ug/l #	23
56) Ethyl methacrylate	10.63	69	105	37.540 ug/l #	77
57) 1,3-Dichloropropane	10.93	76	27	7.434 ug/l #	42
58) 2-Chloroethyl Vinyl ether	9.87	63	40	27.865 ug/l #	50
59) 2-Hexanone	11.04	43	68	44.809 ug/l	76
60) Dibromochloromethane	11.08	129	25	11.679 ug/l #	11
61) 1,2-Dibromoethane	10.97	107	23	12.846 ug/l #	3
64) Tetrachloroethene	10.87	164	281	67.617 ug/l	95
65) Chlorobenzene	11.66	112	135	10.696 ug/l #	42
66) 1,1,1,2-Tetrachloroethane	11.88	131	24	5.451 ug/l #	7
67) Ethyl Benzene	11.73	91	609	25.047 ug/l	92
68) m/p-Xylenes	11.83	106	395	45.101 ug/l	90
69) o-Xylene	12.16	106	168	20.726 ug/l	32
70) Styrene	12.18	104	183	13.043 ug/l #	47
73) Isopropylbenzene	12.46	105	364	8.192 ug/l	95
74) N-amyl acetate	12.24	43	428	31.881 ug/l #	63
75) 1,1,2,2-Tetrachloroethane	12.71	83	240	29.462 ug/l #	37
76) 1,2,3-Trichloropropane	12.76	75	59	10.216 ug/l #	100
77) Bromobenzene	12.76	156	81	8.426 ug/l #	1
78) n-propylbenzene	12.80	91	799	14.729 ug/l	97
79) 2-Chlorotoluene	12.89	91	506	16.430 ug/l #	62
80) 1,3,5-Trimethylbenzene	12.94	105	515	13.870 ug/l	70
81) trans-1,4-Dichloro-2-buten	12.60	75	426	161.724 ug/l #	15
82) 4-Chlorotoluene	12.98	91	344	10.668 ug/l #	69
83) tert-Butylbenzene	13.21	119	356	11.319 ug/l #	50
84) 1,2,4-Trimethylbenzene	13.25	105	1435	38.475 ug/l	67
85) sec-Butylbenzene	13.38	105	614	13.626 ug/l	96
86) p-Isopropyltoluene	13.49	119	627	15.581 ug/l	93
87) 1,3-Dichlorobenzene	13.49	146	348	18.508 ug/l #	63
88) 1,4-Dichlorobenzene	13.58	146	420	22.497 ug/l #	71
89) n-Butylbenzene	13.82	91	687	17.168 ug/l	82
90) Hexachloroethane	14.08	117	85	12.039 ug/l #	11
91) 1,2-Dichlorobenzene	13.86	146	289	17.521 ug/l #	74
92) 1,2-Dibromo-3-Chloropropan	14.48	75	53	38.593 ug/l #	5
93) 1,2,4-Trichlorobenzene	15.13	180	470	41.232 ug/l #	49
94) Hexachlorobutadiene	15.25	225	160	21.258 ug/l #	66
95) Naphthalene	15.36	128	1899	81.883 ug/l #	87
96) 1,2,3-Trichlorobenzene	15.57	180	515	51.784 ug/l #	51

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

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