Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082019\
Data File : VW012018.D
Acq On : 20 Aug 2019 09:06
Operator : SY/VA
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
MMDadoda
8/21/2019 8:28:43 AM

Quant Time: Aug 20 12:48:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	277237	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	435408	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	369950	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	175993	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	153708	48.28	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.56%			
35) Dibromofluoromethane	7.88	113	129156	52.87	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.74%			
50) Toluene-d8	10.32	98	533159	53.31	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.62%			
62) 4-Bromofluorobenzene	12.62	95	187589	52.61	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.22%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	78611	50.878	ug/l	94
3) Chloromethane	2.21	50	125522	46.851	ug/l	99
4) Vinyl Chloride	2.36	62	171432	53.148	ug/l	98
5) Bromomethane	2.77	94	90116	50.474	ug/l	96
6) Chloroethane	2.92	64	100879	54.751	ug/l	100
7) Trichlorofluoromethane	3.25	101	93481	64.847	ug/l	98
8) Diethyl Ether	3.68	74	82441	50.440	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	153862	56.265	ug/l	99
10) Methyl Iodide	4.27	142	209358	54.175	ug/l	99
11) Tert butyl alcohol	5.16	59	50095	210.402	ug/l	97
12) 1,1-Dichloroethene	4.04	96	157107	54.413	ug/l	97
13) Acrolein	3.89	56	41766	182.846	ug/l	96
14) Allyl chloride	4.67	41	339249	55.243	ug/l	99
15) Acrylonitrile	5.36	53	196435	240.759	ug/l	100
16) Acetone	4.12	43	249271	246.157	ug/l	98
17) Carbon Disulfide	4.38	76	458892	50.780	ug/l	99
18) Methyl Acetate	4.67	43	102856	45.213	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	242586	52.945	ug/l	97
20) Methylene Chloride	4.92	84	163453	46.802	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	167220	53.719	ug/l	100
22) Diisopropyl ether	6.31	45	607515	52.471	ug/l	98
23) Vinyl Acetate	6.25	43	1851494	254.496	ug/l	100
24) 1,1-Dichloroethane	6.21	63	332798	53.670	ug/l	99
25) 2-Butanone	7.17	43	315151	237.835	ug/l	98
26) 2,2-Dichloropropane	7.17	77	194298	50.951	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	179397	52.364	ug/l	99
28) Bromochloromethane	7.51	49	137931	50.114	ug/l	98
29) Tetrahydrofuran	7.52	42	177065	233.772	ug/l	99
30) Chloroform	7.68	83	298358	52.154	ug/l	98
31) Cyclohexane	7.95	56	310341	52.138	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	241194	55.362	ug/l	99
36) 1,1-Dichloropropene	8.08	75	254838	56.287	ug/l	99
37) Ethyl Acetate	7.25	43	125081	48.020	ug/l	99
38) Carbon Tetrachloride	8.07	117	220856	56.983	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.34	83	295719	59.319	ug/l		97
40) Benzene	8.32	78	690853	54.477	ug/l		100
41) Methacrylonitrile	7.48	41	78147	50.189	ug/l		95
42) 1,2-Dichloroethane	8.40	62	205514	51.761	ug/l		99
43) Isopropyl Acetate	8.42	43	242434	50.609	ug/l		100
44) Trichloroethene	9.09	130	171432	56.244	ug/l		96
45) 1,2-Dichloropropane	9.37	63	184506	54.375	ug/l		99
46) Dibromomethane	9.46	93	79659	51.436	ug/l		98
47) Bromodichloromethane	9.64	83	220381	54.248	ug/l		99
48) Methyl methacrylate	9.43	41	117402	51.020	ug/l		99
49) 1,4-Dioxane	9.45	88	21588	962.702	ug/l		98
51) 4-Methyl-2-Pentanone	10.21	43	612474	245.806	ug/l		100
52) Toluene	10.39	92	422178	55.126	ug/l		100
53) t-1,3-Dichloropropene	10.60	75	229257	54.023	ug/l		100
54) cis-1,3-Dichloropropene	10.07	75	274185	54.340	ug/l		100
55) 1,1,2-Trichloroethane	10.79	97	113010	51.429	ug/l		99
56) Ethyl methacrylate	10.65	69	170156	52.918	ug/l		99
57) 1,3-Dichloropropane	10.93	76	215226	51.771	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.92	63	426478	292.116	ug/l		99
59) 2-Hexanone	10.97	43	462885	263.107	ug/l		99
60) Dibromochloromethane	11.13	129	130698	53.583	ug/l		100
61) 1,2-Dibromoethane	11.24	107	106623	51.274	ug/l		99
64) Tetrachloroethene	10.86	164	138436	57.471	ug/l		98
65) Chlorobenzene	11.66	112	417214	56.094	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.73	131	145234	56.059	ug/l		99
67) Ethyl Benzene	11.73	91	819068	57.821	ug/l		98
68) m/p-Xylenes	11.84	106	593115	115.133	ug/l		99
69) o-Xylene	12.16	106	273500	57.132	ug/l		98
70) Styrene	12.18	104	473716	57.233	ug/l		99
71) Bromoform	12.35	173	73177	55.398	ug/l	#	99
73) Isopropylbenzene	12.46	105	775270	59.048	ug/l		100
74) N-amyl acetate	12.27	43	221987	54.004	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.71	83	130364	52.786	ug/l		99
76) 1,2,3-Trichloropropane	12.77	75	89687m	48.162	ug/l		
77) Bromobenzene	12.75	156	163482	56.334	ug/l		98
78) n-propylbenzene	12.80	91	948573	59.365	ug/l		100
79) 2-Chlorotoluene	12.89	91	526695	57.216	ug/l		100
80) 1,3,5-Trimethylbenzene	12.94	105	644959	58.602	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.51	75	44890	55.556	ug/l		98
82) 4-Chlorotoluene	12.99	91	553385	57.296	ug/l		100
83) tert-Butylbenzene	13.21	119	555192	60.324	ug/l		99
84) 1,2,4-Trimethylbenzene	13.25	105	636838	57.441	ug/l		100
85) sec-Butylbenzene	13.38	105	787070	59.934	ug/l		100
86) p-Isopropyltoluene	13.50	119	709668	59.560	ug/l		100
87) 1,3-Dichlorobenzene	13.50	146	319146	56.087	ug/l		100
88) 1,4-Dichlorobenzene	13.58	146	315242	55.692	ug/l		100
89) n-Butylbenzene	13.82	91	712960	59.960	ug/l		100
90) Hexachloroethane	14.09	117	125529	59.579	ug/l		100
91) 1,2-Dichlorobenzene	13.87	146	277267	55.093	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21174	50.278	ug/l		96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	204709	57.715	ug/l	99
94) Hexachlorobutadiene	15.24	225	135374	61.202	ug/l	100
95) Naphthalene	15.36	128	354606	50.995	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	173803	55.902	ug/l	98

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

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