Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW052019\
Data File : VW010452.D
Acq On : 20 May 2019 16:54
Operator : SY/VA
Sample : VSTDICC100
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC100

Manual Integrations APPROVED
MMDadoda
5/21/2019 11:28:49 AM

Quant Time: May 21 06:38:19 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:23:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	146862	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	254668	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	224750	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	110846	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	150484	95.09	ug/l	0.00
Spiked Amount 50.000			Recovery = 190.18%			
35) Dibromofluoromethane	7.88	113	156393	100.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 200.36%			
50) Toluene-d8	10.32	98	588127	100.71	ug/l	0.00
Spiked Amount 50.000			Recovery = 201.42%			
62) 4-Bromofluorobenzene	12.62	95	224756	97.98	ug/l	0.00
Spiked Amount 50.000			Recovery = 195.96%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	129479	102.935	ug/l	98
3) Chloromethane	2.21	50	150872	88.895	ug/l	98
4) Vinyl Chloride	2.36	62	175676	98.186	ug/l	97
5) Bromomethane	2.74	94	113320	108.313	ug/l	98
6) Chloroethane	2.90	64	112996	100.906	ug/l	97
7) Trichlorofluoromethane	3.25	101	260488	104.642	ug/l	99
8) Diethyl Ether	3.68	74	83790	96.382	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	160398	101.878	ug/l	100
10) Methyl Iodide	4.26	142	202228	113.388	ug/l	98
11) Tert butyl alcohol	5.17	59	66093	462.521	ug/l	100
12) 1,1-Dichloroethene	4.03	96	153852	103.071	ug/l	99
13) Acrolein	3.89	56	39371	368.053	ug/l	98
14) Allyl chloride	4.67	41	221560	96.936	ug/l	100
15) Acrylonitrile	5.37	53	172124	468.625	ug/l	99
16) Acetone	4.12	43	146483	502.385	ug/l	100
17) Carbon Disulfide	4.37	76	463645	107.101	ug/l	99
18) Methyl Acetate	4.67	43	71841	82.596	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	394639	94.430	ug/l	98
20) Methylene Chloride	4.92	84	169663	96.293	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	175409	101.075	ug/l	100
22) Diisopropyl ether	6.31	45	457283	94.554	ug/l	98
23) Vinyl Acetate	6.26	43	1421772	475.499	ug/l	99
24) 1,1-Dichloroethane	6.21	63	273927	96.962	ug/l	98
25) 2-Butanone	7.17	43	223992	471.428	ug/l	99
26) 2,2-Dichloropropane	7.17	77	251533	97.751	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	189433	97.964	ug/l	100
28) Bromochloromethane	7.51	49	101971	98.118	ug/l	99
29) Tetrahydrofuran	7.52	42	148443	461.724	ug/l	99
30) Chloroform	7.68	83	293396	98.649	ug/l	99
31) Cyclohexane	7.95	56	266424	93.372	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	276854	98.521	ug/l	98
36) 1,1-Dichloropropene	8.08	75	229123	99.900	ug/l	100
37) Ethyl Acetate	7.25	43	98773	92.131	ug/l	98
38) Carbon Tetrachloride	8.07	117	251950	101.781	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.34	83	311971	101.542	ug/l		99
40) Benzene	8.32	78	648804	99.419	ug/l		100
41) Methacrylonitrile	7.48	41	59231	94.823	ug/l		98
42) 1,2-Dichloroethane	8.40	62	185477	96.426	ug/l		99
43) Isopropyl Acetate	8.43	43	201466	92.820	ug/l		99
44) Trichloroethene	9.09	130	191942	102.281	ug/l		100
45) 1,2-Dichloropropane	9.37	63	155197	97.984	ug/l		100
46) Dibromomethane	9.46	93	92687	99.446	ug/l		99
47) Bromodichloromethane	9.65	83	229704	98.722	ug/l		100
48) Methyl methacrylate	9.43	41	92804	92.503	ug/l		97
49) 1,4-Dioxane	9.45	88	28300	2051.313	ug/l		97
51) 4-Methyl-2-Pentanone	10.21	43	510556	459.220	ug/l		99
52) Toluene	10.39	92	435209	100.422	ug/l		99
53) t-1,3-Dichloropropene	10.60	75	233257	97.582	ug/l		99
54) cis-1,3-Dichloropropene	10.07	75	267441	98.393	ug/l		99
55) 1,1,2-Trichloroethane	10.79	97	130466	97.043	ug/l		99
56) Ethyl methacrylate	10.65	69	180728	96.266	ug/l		99
57) 1,3-Dichloropropane	10.93	76	217939	96.577	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.93	63	410541	469.569	ug/l		100
59) 2-Hexanone	10.97	43	363377	467.913	ug/l		99
60) Dibromochloromethane	11.13	129	169434	101.298	ug/l		99
61) 1,2-Dibromoethane	11.24	107	132902	97.344	ug/l		99
64) Tetrachloroethene	10.86	164	155961	103.787	ug/l		98
65) Chlorobenzene	11.66	112	473877	102.568	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.73	131	171531	100.705	ug/l		100
67) Ethyl Benzene	11.73	91	822338	100.765	ug/l		99
68) m/p-Xylenes	11.84	106	651146	203.742	ug/l		100
69) o-Xylene	12.17	106	308915	101.601	ug/l		100
70) Styrene	12.18	104	535609	102.473	ug/l		100
71) Bromoform	12.35	173	100214	105.871	ug/l	#	99
73) Isopropylbenzene	12.47	105	839657	96.483	ug/l		100
74) N-amyl acetate	12.27	43	201958	92.681	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.72	83	152984	90.669	ug/l		100
76) 1,2,3-Trichloropropane	12.77	75	106904m	90.875	ug/l		
77) Bromobenzene	12.75	156	193695	98.781	ug/l		98
78) n-propylbenzene	12.80	91	974947	96.827	ug/l		100
79) 2-Chlorotoluene	12.90	91	560669	95.433	ug/l		100
80) 1,3,5-Trimethylbenzene	12.94	105	712260	96.386	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.51	75	53934	90.483	ug/l		98
82) 4-Chlorotoluene	12.99	91	585532	95.608	ug/l		100
83) tert-Butylbenzene	13.21	119	636947	101.642	ug/l		97
84) 1,2,4-Trimethylbenzene	13.26	105	701001	96.231	ug/l		100
85) sec-Butylbenzene	13.38	105	859427	97.503	ug/l		100
86) p-Isopropyltoluene	13.50	119	777163	97.366	ug/l		100
87) 1,3-Dichlorobenzene	13.50	146	367894	97.341	ug/l		99
88) 1,4-Dichlorobenzene	13.58	146	373792	99.097	ug/l		100
89) n-Butylbenzene	13.83	91	740649	97.387	ug/l		100
90) Hexachloroethane	14.10	117	156274	97.749	ug/l		98
91) 1,2-Dichlorobenzene	13.87	146	340490	99.475	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	28270	89.838	ug/l		97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	232894	103.008 ug/l	99
94) Hexachlorobutadiene	15.24	225	127266	104.921 ug/l	98
95) Naphthalene	15.37	128	494736	98.214 ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	200289	100.793 ug/l	99

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

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