Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091018\
Data File : VW005245.D
Acq On : 10 Sep 2018 16:39
Operator : SY/AP
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
apatel
9/11/2018 11:09:37 AM

Quant Time: Sep 11 03:43:51 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 02:46:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.96	168	510571	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.85	114	740252	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.64	117	732989	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	402829	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.31	65	606670	159.31	ug/l		0.00
Spiked Amount 50.000			Recovery =	318.62%			
35) Dibromofluoromethane	7.89	113	637498	164.40	ug/l		0.00
Spiked Amount 50.000			Recovery =	328.80%			
50) Toluene-d8	10.33	98	2933041	149.69	ug/l		0.00
Spiked Amount 50.000			Recovery =	299.38%			
62) 4-Bromofluorobenzene	12.63	95	1095582	152.86	ug/l		0.00
Spiked Amount 50.000			Recovery =	305.72%			
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.00	85	584143	132.63	ug/l		99
3) Chloromethane	2.22	50	847182	143.87	ug/l		98
4) Vinyl Chloride	2.36	62	765983	141.70	ug/l		98
5) Bromomethane	2.74	94	474557	129.03	ug/l		98
6) Chloroethane	2.90	64	425800	143.00	ug/l		99
7) Trichlorofluoromethane	3.25	101	909589	148.74	ug/l		96
8) Diethyl Ether	3.69	74	346224	158.87	ug/l		99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	647639	148.27	ug/l		99
10) Methyl Iodide	4.28	142	856581	178.09	ug/l		100
11) Tert butyl alcohol	5.18	59	243471	779.61	ug/l		100
12) 1,1-Dichloroethene	4.04	96	614009	152.67	ug/l		98
13) Acrolein	3.90	56	239415	793.63	ug/l		99
14) Allyl chloride	4.67	41	997927	161.49	ug/l		100
15) Acrylonitrile	5.37	53	780749	794.07	ug/l		99
16) Acetone	4.13	43	550274	778.48	ug/l		98
17) Carbon Disulfide	4.38	76	2215414	156.93	ug/l		100
18) Methyl Acetate	4.68	43	341877	162.02	ug/l		98
19) Methyl tert-butyl Ether	5.43	73	1525411	159.24	ug/l		99
20) Methylene Chloride	4.92	84	751921	125.50	ug/l		98
21) trans-1,2-Dichloroethene	5.43	96	727593	154.95	ug/l		98
22) Diisopropyl ether	6.32	45	1983458	159.43	ug/l		98
23) Vinyl Acetate	6.26	43	5659001	816.20	ug/l		99
24) 1,1-Dichloroethane	6.23	63	1215359	158.70	ug/l		99
25) 2-Butanone	7.18	43	903930	810.73	ug/l		95
26) 2,2-Dichloropropane	7.18	77	967084	145.65	ug/l		99
27) cis-1,2-Dichloroethene	7.18	96	803569	159.90	ug/l		100
28) Bromochloromethane	7.52	49	448038	158.58	ug/l	#	98
29) Tetrahydrofuran	7.54	42	622861	828.97	ug/l		100
30) Chloroform	7.68	83	1211248	157.60	ug/l		100
31) Cyclohexane	7.96	56	1145929	140.63	ug/l		97
32) 1,1,1-Trichloroethane	7.88	97	1013739	146.01	ug/l		100
36) 1,1-Dichloropropene	8.09	75	950184	140.11	ug/l		100
37) Ethyl Acetate	7.26	43	393418	152.51	ug/l		100
38) Carbon Tetrachloride	8.07	117	891418	140.32	ug/l		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.34	83	1383338	153.63	ug/l		99
40) Benzene	8.33	78	2893432	144.81	ug/l		100
41) Methacrylonitrile	7.49	41	232635	175.78	ug/l		96
42) 1,2-Dichloroethane	8.41	62	722345	151.12	ug/l		100
43) Isopropyl Acetate	8.43	43	762899	159.26	ug/l		99
44) Trichloroethene	9.10	130	769875	140.45	ug/l		100
45) 1,2-Dichloropropane	9.38	63	689279	143.52	ug/l		100
46) Dibromomethane	9.46	93	356251	151.55	ug/l		99
47) Bromodichloromethane	9.65	83	864494	150.33	ug/l		98
48) Methyl methacrylate	9.45	41	407910	164.00	ug/l		98
49) 1,4-Dioxane	9.45	88	124168	2829.07	ug/l		96
51) 4-Methyl-2-Pentanone	10.22	43	2089093	774.96	ug/l		100
52) Toluene	10.40	92	2097230	144.42	ug/l		100
53) t-1,3-Dichloropropene	10.61	75	952129	153.20	ug/l		99
54) cis-1,3-Dichloropropene	10.08	75	1119995	150.49	ug/l		99
55) 1,1,2-Trichloroethane	10.79	97	532394	142.04	ug/l		99
56) Ethyl methacrylate	10.65	69	766800	161.37	ug/l		100
57) 1,3-Dichloropropane	10.94	76	900206	144.63	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.93	63	1653059	800.38	ug/l		99
59) 2-Hexanone	10.98	43	1513584	778.83	ug/l		100
60) Dibromochloromethane	11.13	129	625348	150.36	ug/l		99
61) 1,2-Dibromoethane	11.24	107	506256	147.29	ug/l		100
64) Tetrachloroethene	10.87	164	777567	142.98	ug/l		100
65) Chlorobenzene	11.66	112	2320368	144.51	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.74	131	716321	149.41	ug/l		99
67) Ethyl Benzene	11.74	91	4172401	149.21	ug/l		100
68) m/p-Xylenes	11.85	106	3356377	297.86	ug/l		97
69) o-Xylene	12.17	106	1595854	152.22	ug/l		100
70) Styrene	12.19	104	2636653	154.13	ug/l		99
71) Bromoform	12.35	173	405666	156.06	ug/l	#	98
73) Isopropylbenzene	12.47	105	4259232	149.65	ug/l		100
74) N-amyl acetate	12.28	43	877630	162.07	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.72	83	641525	149.98	ug/l		99
76) 1,2,3-Trichloropropane	12.77	75	440861m	84.26	ug/l		
77) Bromobenzene	12.76	156	981102	146.32	ug/l		98
78) n-propylbenzene	12.81	91	5181137	151.57	ug/l		99
79) 2-Chlorotoluene	12.90	91	2904353	148.16	ug/l		99
80) 1,3,5-Trimethylbenzene	12.95	105	3731753	153.98	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.52	75	213294	161.45	ug/l		97
82) 4-Chlorotoluene	13.00	91	3060877	148.56	ug/l		99
83) tert-Butylbenzene	13.21	119	3277882	154.64	ug/l		98
84) 1,2,4-Trimethylbenzene	13.26	105	3796623	155.89	ug/l		99
85) sec-Butylbenzene	13.39	105	4611780	151.39	ug/l		99
86) p-Isopropyltoluene	13.51	119	4167151	154.53	ug/l		99
87) 1,3-Dichlorobenzene	13.51	146	2045878	145.31	ug/l		99
88) 1,4-Dichlorobenzene	13.58	146	2015598	145.75	ug/l		99
89) n-Butylbenzene	13.83	91	4027832	158.88	ug/l		98
90) Hexachloroethane	14.10	117	667525	154.50	ug/l		99
91) 1,2-Dichlorobenzene	13.88	146	1775038	143.43	ug/l		100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	107453	151.06	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	1383571	158.05	ug/l	99
94) Hexachlorobutadiene	15.25	225	811849	144.83	ug/l	99
95) Naphthalene	15.38	128	2405580	169.49	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	1178364	156.44	ug/l	99

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

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