Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY092319\
Data File : VY000130.D
Acq On : 23 Sep 2019 12:54
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.00ml/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED
MMDadoda
9/25/2019 12:39:25 AM

Quant Time: Sep 24 05:11:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y092319S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 24 04:45:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	116517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	217466	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	190631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	83134	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	194834	145.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 290.94%			
35) Dibromofluoromethane	7.72	113	175241	140.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 280.68%			
50) Toluene-d8	10.18	98	737748	146.76	ug/l	0.00
Spiked Amount 50.000			Recovery = 293.52%			
62) 4-Bromofluorobenzene	12.48	95	250509	135.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 271.00%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	144806	125.279	ug/l	97
3) Chloromethane	2.11	50	222534	104.202	ug/l	100
4) Vinyl Chloride	2.25	62	248585	138.764	ug/l	100
5) Bromomethane	2.61	94	135112	121.762	ug/l	99
6) Chloroethane	2.77	64	153165	138.398	ug/l #	88
7) Trichlorofluoromethane	3.11	101	278361	136.040	ug/l	99
8) Diethyl Ether	3.53	74	126333	144.032	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.89	101	187107	137.910	ug/l	98
10) Methyl Iodide	4.08	142	277238	159.284	ug/l	98
11) Tert butyl alcohol	4.98	59	93363	675.168	ug/l	100
12) 1,1-Dichloroethene	3.86	96	195414	139.453	ug/l	96
13) Acrolein	3.73	56	25939	461.684	ug/l	93
14) Allyl chloride	4.47	41	287184	145.188	ug/l	96
15) Acrylonitrile	5.17	53	309657	728.291	ug/l	99
16) Acetone	3.95	43	191551	735.687	ug/l	95
17) Carbon Disulfide	4.18	76	657348	136.152	ug/l	98
18) Methyl Acetate	4.48	43	142189	149.072	ug/l	99
19) Methyl tert-butyl Ether	5.22	73	534373	146.756	ug/l	98
20) Methylene Chloride	4.71	84	222529	127.179	ug/l	92
21) trans-1,2-Dichloroethene	5.21	96	218297	138.139	ug/l	100
22) Diisopropyl ether	6.12	45	621982	147.485	ug/l	98
23) Vinyl Acetate	6.06	43	2189033	778.875	ug/l	96
24) 1,1-Dichloroethane	6.02	63	350018	139.323	ug/l	98
25) 2-Butanone	6.99	43	356150	737.265	ug/l	95
26) 2,2-Dichloropropane	6.98	77	305201	134.053	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	249171	141.668	ug/l	99
28) Bromochloromethane	7.34	49	148822	151.590	ug/l	99
29) Tetrahydrofuran	7.35	42	254764	778.784	ug/l	95
30) Chloroform	7.51	83	347817	137.519	ug/l	98
31) Cyclohexane	7.78	56	342668	131.536	ug/l	96
32) 1,1,1-Trichloroethane	7.70	97	300384	144.360	ug/l	100
36) 1,1-Dichloropropene	7.92	75	284147	141.117	ug/l	100
37) Ethyl Acetate	7.08	43	166128	156.227	ug/l	99
38) Carbon Tetrachloride	7.90	117	259022	149.885	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.18	83	396636	143.222	ug/l		98
40) Benzene	8.16	78	889013	143.056	ug/l		98
41) Methacrylonitrile	7.32	41	80077m	94.890	ug/l		
42) 1,2-Dichloroethane	8.24	62	239747	151.284	ug/l		99
43) Isopropyl Acetate	8.27	43	328590	154.487	ug/l		98
44) Trichloroethene	8.94	130	223976	145.150	ug/l		97
45) 1,2-Dichloropropane	9.22	63	211130	140.657	ug/l		97
46) Dibromomethane	9.31	93	119873	143.599	ug/l		97
47) Bromodichloromethane	9.50	83	279457	146.210	ug/l		95
48) Methyl methacrylate	9.29	41	144702	159.201	ug/l		94
49) 1,4-Dioxane	9.30	88	37485	2844.356	ug/l	#	84
51) 4-Methyl-2-Pentanone	10.07	43	841217	776.146	ug/l		98
52) Toluene	10.24	92	561566	146.234	ug/l		98
53) t-1,3-Dichloropropene	10.46	75	310232	148.847	ug/l		100
54) cis-1,3-Dichloropropene	9.93	75	356345	147.467	ug/l		93
55) 1,1,2-Trichloroethane	10.65	97	172567	144.353	ug/l		98
56) Ethyl methacrylate	10.51	69	255296	151.610	ug/l		96
57) 1,3-Dichloropropane	10.79	76	300769	144.719	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.79	63	627656	754.996	ug/l		99
59) 2-Hexanone	10.84	43	593459	781.705	ug/l		96
60) Dibromochloromethane	10.98	129	191291	153.107	ug/l		96
61) 1,2-Dibromoethane	11.09	107	165195	147.037	ug/l		97
64) Tetrachloroethene	10.71	164	198210	136.598	ug/l		94
65) Chlorobenzene	11.51	112	568502	146.906	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.59	131	184803	148.620	ug/l		98
67) Ethyl Benzene	11.59	91	1025784	145.827	ug/l		99
68) m/p-Xylenes	11.70	106	783751	288.929	ug/l		95
69) o-Xylene	12.02	106	380455	146.717	ug/l		100
70) Styrene	12.04	104	659336	150.485	ug/l		98
71) Bromoform	12.20	173	108894	155.102	ug/l	#	98
73) Isopropylbenzene	12.33	105	971018	146.698	ug/l		100
74) N-amyl acetate	12.14	43	306639	166.219	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.58	83	196461	148.655	ug/l		99
76) 1,2,3-Trichloropropane	12.63	75	118435m	71.128	ug/l		
77) Bromobenzene	12.60	156	211026	152.462	ug/l		99
78) n-propylbenzene	12.66	91	1184614	144.708	ug/l		100
79) 2-Chlorotoluene	12.75	91	650295	144.705	ug/l		99
80) 1,3,5-Trimethylbenzene	12.81	105	812631	146.703	ug/l		98
81) trans-1,4-Dichloro-2-buten	12.38	75	81978	154.667	ug/l		95
82) 4-Chlorotoluene	12.85	91	687322	148.287	ug/l		100
83) tert-Butylbenzene	13.07	119	666757	146.942	ug/l		99
84) 1,2,4-Trimethylbenzene	13.12	105	802476	145.164	ug/l		100
85) sec-Butylbenzene	13.25	105	980087	144.492	ug/l		99
86) p-Isopropyltoluene	13.37	119	840196	145.277	ug/l		100
87) 1,3-Dichlorobenzene	13.36	146	389146	143.691	ug/l		98
88) 1,4-Dichlorobenzene	13.44	146	401327	145.180	ug/l		98
89) n-Butylbenzene	13.69	91	879065	148.181	ug/l		99
90) Hexachloroethane	13.96	117	168385	147.019	ug/l		98
91) 1,2-Dichlorobenzene	13.74	146	370945	145.188	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	36056	148.432	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	246190	149.870 ug/l	98
94) Hexachlorobutadiene	15.10	225	111981	153.374 ug/l	98
95) Naphthalene	15.23	128	641394	154.458 ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	221718	151.334 ug/l	99

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

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