Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM091417\
Data File : BM011537.D
Acq On : 14 Sep 2017 12:42
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 14 17:30:00 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 13 07:51:23 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02017

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9/15/2017 5:46:32 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	449399	20.00	ng/ul	0.00
18) Naphthalene-d8	10.78	136	2097710	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.60	164	1250575	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.34	188	2805235	20.00	ng/ul	0.00
78) Chrysene-d12	21.51	240	3145033	20.00	ng/ul	0.00
86) Perylene-d12	23.89	264	2586349	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.39	96	81428	8.15	ng/uL	0.00
5) Phenol-d5	7.12	99	857071	19.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.30	67	611893	21.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.50	132	658773	20.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.67	113	672209	19.95	ng/ul	0.00
19) Nitrobenzene-d5	9.13	128	319309	20.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.86	143	323703	19.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.39	165	663403	19.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.91	131	853490	23.21	ng/ul	0.00
44) Dimethylphthalate-d6	14.00	166	2092607	19.79	ng/ul	0.00
47) Acenaphthylene-d8	14.30	160	2581486	20.19	ng/ul	0.00
52) 4-Nitrophenol-d4	14.79	143	366569	18.45	ng/ul	0.00
58) Fluorene-d10	15.59	176	1836740	20.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	283880	17.39	ng/ul	0.00
71) Anthracene-d10	17.44	188	2779816	20.12	ng/ul	0.00
79) Pyrene-d10	19.73	212	3026702	20.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.73	264	2500069	20.28	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	88957	8.124	ng/uL#	67
4) Benzaldehyde	7.11	77	473586	19.207	ng/ul	96
6) Phenol	7.15	94	861589	20.114	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.39	93	686319	20.352	ng/ul#	82
10) 2-Chlorophenol	7.53	128	643076	20.270	ng/ul	91
11) 2-Methylphenol	8.40	108	648668	19.973	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.50	45	1201664	21.985	ng/ul#	91
14) Acetophenone	8.80	105	1044025	20.275	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.78	70	587136	21.249	ng/ul#	78
16) 4-Methylphenol	8.73	108	718022	20.205	ng/ul	94
17) Hexachloroethane	9.06	117	245487	20.242	ng/ul	81
20) Nitrobenzene	9.18	77	779362	20.814	ng/ul	95
21) Isophorone	9.70	82	1562316	20.723	ng/ul#	97
23) 2-Nitrophenol	9.89	139	345767	19.879	ng/ul#	90
24) 2,4-Dimethylphenol	9.94	107	757779	20.362	ng/ul	92
25) Bis(2-Chloroethoxy)methane	10.18	93	980880	19.954	ng/ul	97
27) 2,4-Dichlorophenol	10.42	162	642715	20.004	ng/ul	97
28) Naphthalene	10.83	128	2169086	19.940	ng/ul	98
30) 4-Chloroaniline	10.93	127	813254	23.274	ng/ul	98
31) Hexachlorobutadiene	11.11	225	369847	20.282	ng/ul	97
32) Caprolactam	11.71	113	195733m	19.353	ng/ul	
33) 4-Chloro-3-methylphenol	12.05	107	699472	20.534	ng/ul	94
34) 2-Methylnaphthalene	12.43	142	1617490	20.023	ng/ul	99

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35) 1-Methylnaphthalene	12.65	142	1535683	19.960	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.80	216	755072	20.354	ng/ul#	94
38) Hexachlorocyclopentadiene	12.77	237	392347	18.869	ng/ul#	99
39) 2,4,6-Trichlorophenol	13.03	196	498141	19.723	ng/ul	99
40) 2,4,5-Trichlorophenol	13.11	196	516470	20.167	ng/ul	99
41) 1,1'-Biphenyl	13.44	154	2072244	19.913	ng/ul#	94
42) 2-Chloronaphthalene	13.49	162	1556259	19.875	ng/ul	98
43) 2-Nitroaniline	13.69	65	524337	21.560	ng/ul	84
45) Dimethylphthalate	14.05	163	1998052	19.739	ng/ul#	98
46) 2,6-Dinitrotoluene	14.17	165	359440	20.106	ng/ul	89
48) Acenaphthylene	14.33	152	2603031	20.227	ng/ul	100
49) 3-Nitroaniline	14.50	138	415020	18.827	ng/ul	99
50) Acenaphthene	14.67	153	1729361	19.888	ng/ul	98
51) 2,4-Dinitrophenol	14.71	184	186252	16.863	ng/ul#	72
53) 4-Nitrophenol	14.80	109	251028	19.658	ng/ul#	55
54) Dibenzofuran	15.00	168	2436530	20.032	ng/ul	97
55) 2,4-Dinitrotoluene	14.96	165	526422	20.032	ng/ul#	72
56) 2,3,4,6-Tetrachlorophenol	15.22	232	458815	19.658	ng/ul#	75
57) Diethylphthalate	15.41	149	2080039	19.746	ng/ul	95
59) Fluorene	15.65	166	2099908	20.600	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.64	204	974152	20.396	ng/ul	92
61) 4-Nitroaniline	15.67	138	425634m	18.026	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.72	198	297467	17.785	ng/ul	94
65) N-Nitrosodiphenylamine	15.85	169	1705916	19.964	ng/ul	100
66) 4-Bromophenyl-phenylether	16.53	248	569466	19.875	ng/ul	94
67) Hexachlorobenzene	16.64	284	621090	19.692	ng/ul#	87
68) Atrazine	16.79	200	580027	19.591	ng/ul	96
69) Pentachlorophenol	16.99	266	364711	18.009	ng/ul	98
70) Phenanthrene	17.39	178	3166405	20.250	ng/ul	99
72) Anthracene	17.47	178	3275789	20.417	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.40	216	744476	19.916	ng/uL	99
74) Pentachlorobenzene	14.92	250	755334	19.923	ng/uL	98
75) Carbazole	17.74	167	2879466	21.036	ng/ul	99
76) Di-n-butylphthalate	18.29	149	3777779	21.012	ng/ul	100
77) Fluoranthene	19.39	202	3620300	22.511	ng/ul#	88
80) Pyrene	19.76	202	3839342	20.923	ng/ul#	85
81) Butylbenzylphthalate	20.63	149	1703084	20.182	ng/ul#	89
82) 3,3'-Dichlorobenzidine	21.42	252	1079519	18.901	ng/ul#	98
83) Benzo(a)anthracene	21.49	228	3585208	20.704	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.40	149	2655582	20.492	ng/ul#	97
85) Chrysene	21.54	228	3194098	20.346	ng/ul	99
87) Di-n-octyl phthalate	22.31	149	4496014	24.494	ng/ul	100
88) Benzo(b)fluoranthene	23.16	252	3313091	21.293	ng/ul#	97
89) Benzo(k)fluoranthene	23.21	252	3036611	20.321	ng/ul#	97
91) Benzo(a)pyrene	23.78	252	2977693	20.275	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	26.31	276	2920122	18.075	ng/ul#	84
93) Dibenzo(a,h)anthracene	26.33	278	2483356	18.129	ng/ul#	94
94) Benzo(g,h,i)perylene	27.07	276	2317858	17.716	ng/ul#	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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