Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM090716\
Data File : BM007433.D
Acq On : 07 Sep 2016 09:25
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02047

Quant Time: Sep 07 13:39:20 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Sep 07 01:17:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	233811	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1153529	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	803848	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2098709	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2661081	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	2547043	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	37569	8.21	ng/uL	0.00
5) Phenol-d5	6.96	99	431248	19.53	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	231924	19.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	328548	20.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	379010	19.68	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	176448	20.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	205171	20.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	399497	20.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	513459	20.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1360127	19.61	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1634845	20.34	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	242922	18.56	ng/ul	0.00
57) Fluorene-d10	15.42	176	1193897	19.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	260639	19.75	ng/ul	0.00
70) Anthracene-d10	17.27	188	2002848	20.43	ng/ul	0.00
76) Pyrene-d10	19.56	212	2457273	22.08	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	2383926	20.32	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	40111	7.86	ng/uL	95
4) Benzaldehyde	6.94	77	264382	21.01	ng/ul	99
6) Phenol	6.99	94	449541	19.62	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.22	93	323556	20.28	ng/ul	99
10) 2-Chlorophenol	7.36	128	339230	20.29	ng/ul	99
11) 2-Methylphenol	8.23	108	355765	19.87	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.32	45	361933	20.15	ng/ul	98
14) Acetophenone	8.61	105	585120	19.81	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.60	70	306130	19.50	ng/ul	98
16) 4-Methylphenol	8.56	108	397922	19.81	ng/ul	96
17) Hexachloroethane	8.86	117	132623	20.40	ng/ul	97
20) Nitrobenzene	8.99	77	447670	20.58	ng/ul	100
21) Isophorone	9.51	82	864496	19.51	ng/ul	100
23) 2-Nitrophenol	9.70	139	220873	20.55	ng/ul	97
24) 2,4-Dimethylphenol	9.76	107	487849	20.57	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.99	93	492909	19.74	ng/ul	98
27) 2,4-Dichlorophenol	10.23	162	397646	20.33	ng/ul	98
28) Naphthalene	10.63	128	1155560	20.14	ng/ul	100
30) 4-Chloroaniline	10.74	127	531416	21.02	ng/ul	96
31) Hexachlorobutadiene	10.91	225	270686	20.48	ng/ul	97
32) Caprolactam	11.50	113	106293	13.49	ng/ul	95
33) 4-Chloro-3-methylphenol	11.86	107	482958	19.95	ng/ul	94
34) 2-Methylnaphthalene	12.24	142	947679	20.18	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	560553	20.94	ng/ul	97
37) Hexachlorocyclopentadiene	12.59	237	249840	15.47	ng/ul	99
38) 2,4,6-Trichlorophenol	12.85	196	382918	20.22	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	399233	20.23	ng/ul	98
40) 1,1'-Biphenyl	13.25	154	1262643	20.25	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	994089	20.34	ng/ul	99
42) 2-Nitroaniline	13.51	65	336155	21.06	ng/ul	99
44) Dimethylphthalate	13.88	163	1344061	19.46	ng/ul	99
45) 2,6-Dinitrotoluene	14.00	165	290781	20.59	ng/ul	89
47) Acenaphthylene	14.14	152	1686051	20.38	ng/ul	99
48) 3-Nitroaniline	14.33	138	298805	20.73	ng/ul	95
49) Acenaphthene	14.49	153	1092812	20.31	ng/ul	100
50) 2,4-Dinitrophenol	14.54	184	162428	16.96	ng/ul#	84
52) 4-Nitrophenol	14.65	109	258502	18.56	ng/ul	87
53) Dibenzofuran	14.82	168	1631139	20.25	ng/ul	95
54) 2,4-Dinitrotoluene	14.80	165	445963	20.61	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.05	232	406429	20.07	ng/ul#	96
56) Diethylphthalate	15.24	149	1403566	19.48	ng/ul	99
58) Fluorene	15.47	166	1330361	20.06	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	684352	19.73	ng/ul	95
60) 4-Nitroaniline	15.50	138	321378	19.65	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.56	198	276330	19.62	ng/ul	98
64) N-Nitrosodiphenylamine	15.68	169	1198192	20.45	ng/ul	98
65) 4-Bromophenyl-phenylether	16.36	248	490886	20.72	ng/ul	99
66) Hexachlorobenzene	16.47	284	537285	20.25	ng/ul	96
67) Atrazine	16.63	200	503483	20.35	ng/ul	99
68) Pentachlorophenol	16.82	266	325639	19.02	ng/ul	99
69) Phenanthrene	17.21	178	2278792	20.23	ng/ul	99
71) Anthracene	17.30	178	2385228	20.51	ng/ul	99
72) Carbazole	17.57	167	2116180	20.93	ng/ul	99
73) Di-n-butylphthalate	18.13	149	2519273	19.81	ng/ul	99
74) Fluoranthene	19.23	202	3017772	21.34	ng/ul	99
77) Pyrene	19.59	202	3131621	21.94	ng/ul	97
78) Butylbenzylphthalate	20.49	149	1289142	21.70	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.27	252	1043662	19.76	ng/ul	99
80) Benzo(a)anthracene	21.33	228	3217390	20.51	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.26	149	1804868	20.95	ng/ul	99
82) Chrysene	21.39	228	2953254	20.78	ng/ul	99
84) Di-n-octyl phthalate	22.14	149	3343771	26.36	ng/ul	99
85) Benzo(b)fluoranthene	22.93	252	3199437	21.24	ng/ul	99
86) Benzo(k)fluoranthene	22.98	252	3058471	21.97	ng/ul	99
88) Benzo(a)pyrene	23.52	252	2943787	20.43	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.91	276	3003813	16.99	ng/ul	98
90) Dibenzo(a,h)anthracene	25.92	278	2532971	17.22	ng/ul	99
91) Benzo(g,h,i)perylene	26.61	276	2475037	16.48	ng/ul	98

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

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