Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005469.D
Acq On : 18 May 2016 14:29
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02044

Quant Time: May 18 15:29:44 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 18 14:47:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	39080	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	207087	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	142063	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.21	188	375064	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	543818	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	625096	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	7354	7.24	ng/uL	0.00
5) Phenol-d5	6.99	99	73853	19.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	41882	20.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	55922	19.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	62498	19.55	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	28925	19.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	31727	19.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	63966	19.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	90089	24.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	231334	19.81	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	275370	19.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	48590	20.28	ng/ul	0.00
57) Fluorene-d10	15.46	176	206269	20.02	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	35559	17.99	ng/ul	0.00
70) Anthracene-d10	17.30	188	339643	19.69	ng/ul	0.00
76) Pyrene-d10	19.59	212	433645	19.83	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	557853	19.96	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	9114	8.03	ng/uL	92
4) Benzaldehyde	6.98	77	45373	24.83	ng/ul	98
6) Phenol	7.02	94	78051	19.79	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.26	93	58103	20.37	ng/ul	98
10) 2-Chlorophenol	7.40	128	57712	19.46	ng/ul	98
11) 2-Methylphenol	8.27	108	60871	19.84	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.37	45	80018	19.90	ng/ul	99
14) Acetophenone	8.66	105	99622	20.48	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.64	70	52606	19.32	ng/ul	97
16) 4-Methylphenol	8.59	108	68439	19.86	ng/ul	99
17) Hexachloroethane	8.92	117	20857	19.25	ng/ul	98
20) Nitrobenzene	9.03	77	72358	19.47	ng/ul	95
21) Isophorone	9.56	82	148786	19.57	ng/ul	96
23) 2-Nitrophenol	9.74	139	35045	19.87	ng/ul	97
24) 2,4-Dimethylphenol	9.80	107	78418	20.03	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.04	93	89603	19.90	ng/ul	100
27) 2,4-Dichlorophenol	10.27	162	65811	20.09	ng/ul	97
28) Naphthalene	10.68	128	207537	19.74	ng/ul	98
30) 4-Chloroaniline	10.79	127	95454	24.12	ng/ul	96
31) Hexachlorobutadiene	10.96	225	37328	20.07	ng/ul	97
32) Caprolactam	11.53	113	25080	20.10	ng/ul	97
33) 4-Chloro-3-methylphenol	11.90	107	80220	19.89	ng/ul	94
34) 2-Methylnaphthalene	12.29	142	164332	19.87	ng/ul	98

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36) 1,2,4,5-Tetrachlorobenzene	12.66	216	85024	19.70	ng/ul	97
37) Hexachlorocyclopentadiene	12.64	237	46100	19.28	ng/ul	94
38) 2,4,6-Trichlorophenol	12.89	196	59201	19.81	ng/ul	98
39) 2,4,5-Trichlorophenol	12.96	196	66146	20.21	ng/ul	96
40) 1,1'-Biphenyl	13.30	154	225476	19.80	ng/ul	99
41) 2-Chloronaphthalene	13.34	162	172009	19.65	ng/ul	99
42) 2-Nitroaniline	13.54	65	53025	19.20	ng/ul	96
44) Dimethylphthalate	13.93	163	237242	19.92	ng/ul	99
45) 2,6-Dinitrotoluene	14.04	165	44980	19.62	ng/ul	96
47) Acenaphthylene	14.19	152	287873	20.16	ng/ul	99
48) 3-Nitroaniline	14.37	138	52541	21.50	ng/ul	99
49) Acenaphthene	14.53	153	194121	19.90	ng/ul	100
50) 2,4-Dinitrophenol	14.57	184	23030	17.24	ng/ul	93
52) 4-Nitrophenol	14.66	109	43756	20.40	ng/ul	93
53) Dibenzofuran	14.86	168	283004	19.89	ng/ul	100
54) 2,4-Dinitrotoluene	14.82	165	70291	20.21	ng/ul#	99
55) 2,3,4,6-Tetrachlorophenol	15.09	232	62267	20.11	ng/ul#	98
56) Diethylphthalate	15.29	149	250031	19.84	ng/ul	99
58) Fluorene	15.52	166	236713	20.12	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.51	204	115144	20.34	ng/ul	97
60) 4-Nitroaniline	15.53	138	59108	20.63	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.59	198	40067	18.59	ng/ul#	89
64) N-Nitrosodiphenylamine	15.72	169	210325	19.76	ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	74920	19.77	ng/ul	95
66) Hexachlorobenzene	16.51	284	87431	19.83	ng/ul	95
67) Atrazine	16.67	200	83112	21.81	ng/ul	98
68) Pentachlorophenol	16.85	266	55019	19.37	ng/ul	99
69) Phenanthrene	17.25	178	418227	19.60	ng/ul	100
71) Anthracene	17.34	178	423966	20.09	ng/ul	99
72) Carbazole	17.60	167	405418	21.21	ng/ul	99
73) Di-n-butylphthalate	18.18	149	462355	19.53	ng/ul	99
74) Fluoranthene	19.26	202	535378	21.45	ng/ul	98
77) Pyrene	19.62	202	570220	19.57	ng/ul	99
78) Butylbenzylphthalate	20.53	149	237783	19.22	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.30	252	225618	21.67	ng/ul#	99
80) Benzo(a)anthracene	21.37	228	637546	19.95	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.31	149	371093	20.05	ng/ul	99
82) Chrysene	21.42	228	599847	19.85	ng/ul	99
84) Di-n-octyl phthalate	22.20	149	672463	20.27	ng/ul	99
85) Benzo(b)fluoranthene	22.98	252	753603	21.07	ng/ul	99
86) Benzo(k)fluoranthene	23.02	252	669394	19.26	ng/ul	99
88) Benzo(a)pyrene	23.57	252	723236	20.35	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.98	276	951675	20.33	ng/ul	96
90) Dibenzo(a,h)anthracene	26.00	278	793205	20.40	ng/ul	98
91) Benzo(g,h,i)perylene	26.69	276	819991	20.21	ng/ul	97

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

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