Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005625.D
Acq On : 24 May 2016 01:15
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02066

Quant Time: May 24 06:58:01 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 06:55:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	167279	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	756054	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	423117	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	894105	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	842001	20.00	ng/ul	0.00
83) Perylene-d12	23.63	264	783815	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	28857	7.56	ng/uL	0.00
5) Phenol-d5	6.97	99	291251	21.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	169077	21.28	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	239329	20.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	239236	21.29	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	116062	20.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	129221	20.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	232557	19.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	289736	24.14	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	659064	19.08	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	854659	19.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	119500	18.29	ng/ul	0.00
57) Fluorene-d10	15.43	176	579349	19.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	90406	17.58	ng/ul	0.00
70) Anthracene-d10	17.28	188	848256	19.92	ng/ul	0.00
76) Pyrene-d10	19.57	212	843294	22.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.49	264	711721	19.45	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	51125	7.59	ng/uL	94
4) Benzaldehyde	6.95	77	131442	14.77	ng/ul	99
6) Phenol	7.00	94	302343	21.41	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.23	93	229511	21.51	ng/ul	98
10) 2-Chlorophenol	7.37	128	237311	20.67	ng/ul	97
11) 2-Methylphenol	8.25	108	229622	21.45	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.33	45	290311	20.37	ng/ul	99
14) Acetophenone	8.62	105	367820	21.74	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.60	70	187895	21.03	ng/ul	96
16) 4-Methylphenol	8.57	108	250991	21.59	ng/ul	100
17) Hexachloroethane	8.87	117	93166	20.28	ng/ul	96
20) Nitrobenzene	9.00	77	270829	19.34	ng/ul	98
21) Isophorone	9.52	82	527312	20.14	ng/ul	99
23) 2-Nitrophenol	9.71	139	137835	20.14	ng/ul	89
24) 2,4-Dimethylphenol	9.77	107	274053	19.38	ng/ul	97
25) Bis(2-Chloroethoxy)methane	10.00	93	315347	20.45	ng/ul	99
27) 2,4-Dichlorophenol	10.25	162	229837	19.46	ng/ul	97
28) Naphthalene	10.64	128	748756	19.71	ng/ul	99
30) 4-Chloroaniline	10.75	127	295363	24.02	ng/ul	96
31) Hexachlorobutadiene	10.92	225	138321	17.52	ng/ul	99
32) Caprolactam	11.51	113	79624	20.19	ng/ul	98
33) 4-Chloro-3-methylphenol	11.89	107	253921	19.62	ng/ul	98
34) 2-Methylnaphthalene	12.26	142	545810	19.64	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	273465	18.92	ng/ul	99
37) Hexachlorocyclopentadiene	12.60	237	122098	13.45	ng/ul	96
38) 2,4,6-Trichlorophenol	12.87	196	180848	19.20	ng/ul	97
39) 2,4,5-Trichlorophenol	12.94	196	195052	18.80	ng/ul	99
40) 1,1'-Biphenyl	13.27	154	687870	19.37	ng/ul	99
41) 2-Chloronaphthalene	13.31	162	532882	19.47	ng/ul	98
42) 2-Nitroaniline	13.52	65	161989	19.67	ng/ul	92
44) Dimethylphthalate	13.89	163	660641	19.36	ng/ul	99
45) 2,6-Dinitrotoluene	14.02	165	138604	20.09	ng/ul	95
47) Acenaphthylene	14.16	152	872366	19.88	ng/ul	99
48) 3-Nitroaniline	14.34	138	140347	21.95	ng/ul	96
49) Acenaphthene	14.50	153	566578	19.58	ng/ul	100
50) 2,4-Dinitrophenol	14.56	184	52661	13.64	ng/ul	93
52) 4-Nitrophenol	14.67	109	98868	15.06	ng/ul	89
53) Dibenzofuran	14.84	168	794775	19.24	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	195066	19.37	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.07	232	150684	16.62	ng/ul	96
56) Diethylphthalate	15.26	149	665486	19.12	ng/ul	99
58) Fluorene	15.49	166	632666	19.14	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.48	204	311075	18.83	ng/ul	95
60) 4-Nitroaniline	15.51	138	147120	18.87	ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.57	198	95015	17.59	ng/ul#	99
64) N-Nitrosodiphenylamine	15.69	169	562184	20.72	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	194412	19.52	ng/ul	96
66) Hexachlorobenzene	16.49	284	213737	18.84	ng/ul	98
67) Atrazine	16.64	200	200327	19.73	ng/ul	97
68) Pentachlorophenol	16.83	266	95721	14.05	ng/ul	98
69) Phenanthrene	17.22	178	968182	19.38	ng/ul	99
71) Anthracene	17.32	178	1007669	19.79	ng/ul	99
72) Carbazole	17.59	167	894922	20.25	ng/ul	99
73) Di-n-butylphthalate	18.14	149	1103176	20.57	ng/ul	99
74) Fluoranthene	19.23	202	1051592	18.70	ng/ul#	96
77) Pyrene	19.60	202	1070674	22.12	ng/ul	99
78) Butylbenzylphthalate	20.49	149	472395	23.16	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.27	252	273819	17.94	ng/ul	99
80) Benzo(a)anthracene	21.34	228	979533	19.79	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.26	149	653398	22.68	ng/ul	99
82) Chrysene	21.39	228	909798	19.32	ng/ul	100
84) Di-n-octyl phthalate	22.15	149	1113311	24.76	ng/ul	99
85) Benzo(b)fluoranthene	22.94	252	905352	19.58	ng/ul	99
86) Benzo(k)fluoranthene	22.99	252	896634	20.49	ng/ul	99
88) Benzo(a)pyrene	23.53	252	888081	19.80	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.93	276	1005740	18.88	ng/ul	96
90) Dibenzo(a,h)anthracene	25.94	278	845524	19.06	ng/ul	98
91) Benzo(g,h,i)perylene	26.64	276	833123	18.60	ng/ul	98

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

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