Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM041216\
Data File : BM004944.D
Acq On : 12 Apr 2016 16:42
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02043

Manual Integrations APPROVED
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4/12/2016 7:07:45 PM

Quant Time: Apr 12 18:51:36 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM040116.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 12 18:19:19 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	44956	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	211893	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.45	164	135697	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.20	188	321771	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	380116	20.00	ng/ul	0.00
86) Perylene-d12	23.67	264	386005	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	8258	7.43	ng/uL	0.00
5) Phenol-d5	6.98	99	72104	18.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	42001	19.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	56531	18.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	59771	17.82	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	27697	18.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	30011	17.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	59375	19.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	80633	21.68	ng/ul	0.00
44) Dimethylphthalate-d6	13.86	166	200844	18.76	ng/ul	0.00
47) Acenaphthylene-d8	14.15	160	243755	19.03	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	35386	16.72	ng/ul	0.00
58) Fluorene-d10	15.44	176	175786	19.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	32102	16.65	ng/ul	0.00
71) Anthracene-d10	17.30	188	275561	19.14	ng/ul	0.00
79) Pyrene-d10	19.59	212	318747	19.32	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.53	264	329260	19.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	10608	7.84	ng/uL	90
4) Benzaldehyde	6.96	77	41999	22.55	ng/ul	99
6) Phenol	7.01	94	77734	18.63	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.25	93	60328	19.08	ng/ul	95
10) 2-Chlorophenol	7.38	128	60096	18.82	ng/ul	94
11) 2-Methylphenol	8.26	108	59064	17.94	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.35	45	76562	19.86	ng/ul#	91
14) Acetophenone	8.63	105	98507	19.41	ng/ul#	97
15) N-Nitroso-di-n-propylamine	8.62	70	47963	18.68	ng/ul	92
16) 4-Methylphenol	8.58	108	66712	18.19	ng/ul	98
17) Hexachloroethane	8.89	117	22860	18.67	ng/ul	96
20) Nitrobenzene	9.02	77	69157	19.17	ng/ul	97
21) Isophorone	9.53	82	130111	18.12	ng/ul	99
23) 2-Nitrophenol	9.72	139	33741	18.51	ng/ul	94
24) 2,4-Dimethylphenol	9.78	107	75158	19.50	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.02	93	85611	19.14	ng/ul	99
27) 2,4-Dichlorophenol	10.25	162	62280	19.35	ng/ul	97
28) Naphthalene	10.66	128	207175	19.34	ng/ul	99
30) 4-Chloroaniline	10.77	127	86494	22.04	ng/ul	100
31) Hexachlorobutadiene	10.94	225	38760	19.80	ng/ul	98
32) Caprolactam	11.52	113	17945m	14.73	ng/ul	
33) 4-Chloro-3-methylphenol	11.89	107	71482	19.36	ng/ul	99
34) 2-Methylnaphthalene	12.27	142	156820	19.65	ng/ul	98

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35) 1-Methylnaphthalene	12.49	142	149246	19.29	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.64	216	80782	19.23	ng/ul	99
38) Hexachlorocyclopentadiene	12.62	237	43285	17.33	ng/ul	100
39) 2,4,6-Trichlorophenol	12.88	196	50995	18.40	ng/ul	99
40) 2,4,5-Trichlorophenol	12.95	196	56753	18.62	ng/ul	99
41) 1,1'-Biphenyl	13.29	154	209000	18.97	ng/ul	99
42) 2-Chloronaphthalene	13.33	162	157027	18.92	ng/ul	97
43) 2-Nitroaniline	13.53	65	41872	17.52	ng/ul	90
45) Dimethylphthalate	13.91	163	205814	18.87	ng/ul	99
46) 2,6-Dinitrotoluene	14.03	165	38955	18.36	ng/ul	98
48) Acenaphthylene	14.17	152	257555	18.89	ng/ul	100
49) 3-Nitroaniline	14.36	138	41361	19.07	ng/ul	96
50) Acenaphthene	14.52	153	172871	18.93	ng/ul	99
51) 2,4-Dinitrophenol	14.57	184	19238	13.66	ng/ul	97
53) 4-Nitrophenol	14.66	109	29980	17.29	ng/ul	94
54) Dibenzofuran	14.85	168	251029	18.94	ng/ul	96
55) 2,4-Dinitrotoluene	14.82	165	59365	18.59	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.08	232	49603	18.31	ng/ul	95
57) Diethylphthalate	15.27	149	203846	18.46	ng/ul	99
59) Fluorene	15.50	166	199456	18.89	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.50	204	99550	19.37	ng/ul	92
61) 4-Nitroaniline	15.52	138	43010	16.91	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.58	198	35767	17.31	ng/ul	97
65) N-Nitrosodiphenylamine	15.71	169	176043	18.87	ng/ul	98
66) 4-Bromophenyl-phenylether	16.39	248	61222	19.08	ng/ul	92
67) Hexachlorobenzene	16.50	284	70817	19.38	ng/ul	93
68) Atrazine	16.66	200	63861	18.66	ng/ul	98
69) Pentachlorophenol	16.85	266	38227	16.83	ng/ul	98
70) Phenanthrene	17.24	178	337143	19.00	ng/ul	100
72) Anthracene	17.33	178	339797	19.10	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.25	216	80106	19.16	ng/uL	99
74) Pentachlorobenzene	14.77	250	80817	19.34	ng/uL	100
75) Carbazole	17.60	167	307336	19.36	ng/ul	99
76) Di-n-butylphthalate	18.16	149	339704	18.02	ng/ul	100
77) Fluoranthene	19.26	202	399707	20.28	ng/ul	100
80) Pyrene	19.62	202	420082	19.31	ng/ul	100
81) Butylbenzylphthalate	20.52	149	155145	16.81	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.30	252	140862	19.02	ng/ul	100
83) Benzo(a)anthracene	21.37	228	420394	19.29	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.29	149	230180	17.46	ng/ul	97
85) Chrysene	21.42	228	398019	19.25	ng/ul	100
87) Di-n-octyl phthalate	22.19	149	422378	18.48	ng/ul	97
88) Benzo(b)fluoranthene	22.99	252	450433	20.36	ng/ul	99
89) Benzo(k)fluoranthene	23.03	252	406135	19.14	ng/ul	99
91) Benzo(a)pyrene	23.57	252	415361	19.36	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.00	276	456862	17.85	ng/ul	97
93) Dibenzo(a,h)anthracene	26.00	278	386474	18.17	ng/ul	99
94) Benzo(g,h,i)perylene	26.71	276	376936	17.15	ng/ul	97

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

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