Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM040716\
Data File : BM004916.D
Acq On : 07 Apr 2016 11:42
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02035

Quant Time: Apr 08 00:53:54 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM040116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 08 00:48:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	43546	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	204127	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	129777	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.20	188	318348	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	395573	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	400581	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	8152	7.57	ng/uL	0.00
5) Phenol-d5	6.98	99	69180	17.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	39184	18.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	55279	18.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	58134	17.89	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	27608	19.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	30397	18.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	58098	19.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	79447	22.17	ng/ul	0.00
44) Dimethylphthalate-d6	13.86	166	192405	18.79	ng/ul	0.00
47) Acenaphthylene-d8	14.15	160	233896	19.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	36939	18.25	ng/ul	0.00
58) Fluorene-d10	15.45	176	171637	19.40	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	32138	16.85	ng/ul	0.00
71) Anthracene-d10	17.30	188	276128	19.39	ng/ul	0.00
79) Pyrene-d10	19.60	212	325209	18.94	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	339912	19.15	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	10094	7.70	ng/uL	92
4) Benzaldehyde	6.96	77	42356	23.48	ng/ul	98
6) Phenol	7.01	94	74195	18.36	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.25	93	57114	18.65	ng/ul	95
10) 2-Chlorophenol	7.39	128	58798	19.01	ng/ul	95
11) 2-Methylphenol	8.26	108	57116	17.91	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.35	45	70827	18.97	ng/ul#	92
14) Acetophenone	8.64	105	92585	18.84	ng/ul#	96
15) N-Nitroso-di-n-propylamine	8.62	70	46450	18.67	ng/ul	94
16) 4-Methylphenol	8.58	108	64153	18.06	ng/ul	99
17) Hexachloroethane	8.89	117	22583	19.05	ng/ul	99
20) Nitrobenzene	9.02	77	66656	19.18	ng/ul	95
21) Isophorone	9.53	82	130387	18.85	ng/ul	99
23) 2-Nitrophenol	9.73	139	33338	18.98	ng/ul	96
24) 2,4-Dimethylphenol	9.78	107	71225	19.19	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.02	93	80013	18.57	ng/ul	98
27) 2,4-Dichlorophenol	10.26	162	60886	19.63	ng/ul	99
28) Naphthalene	10.66	128	196096	19.00	ng/ul	100
30) 4-Chloroaniline	10.77	127	83727	22.14	ng/ul	99
31) Hexachlorobutadiene	10.95	225	36797	19.51	ng/ul	100
32) Caprolactam	11.52	113	20871	17.79	ng/ul#	82
33) 4-Chloro-3-methylphenol	11.89	107	68832	19.35	ng/ul	100
34) 2-Methylnaphthalene	12.27	142	148901	19.36	ng/ul	97

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35) 1-Methylnaphthalene	12.49	142	144804	19.43	ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.65	216	76877	19.14	ng/ul	97
38) Hexachlorocyclopentadiene	12.62	237	40214	16.84	ng/ul	98
39) 2,4,6-Trichlorophenol	12.88	196	51262	19.34	ng/ul	98
40) 2,4,5-Trichlorophenol	12.95	196	56421	19.36	ng/ul	98
41) 1,1'-Biphenyl	13.29	154	199666	18.95	ng/ul	99
42) 2-Chloronaphthalene	13.33	162	150660	18.98	ng/ul	97
43) 2-Nitroaniline	13.53	65	43078	18.85	ng/ul	92
45) Dimethylphthalate	13.91	163	195710	18.77	ng/ul	99
46) 2,6-Dinitrotoluene	14.03	165	39073	19.26	ng/ul	94
48) Acenaphthylene	14.18	152	251919	19.32	ng/ul	99
49) 3-Nitroaniline	14.36	138	42660	20.57	ng/ul	92
50) Acenaphthene	14.52	153	166931	19.12	ng/ul	99
51) 2,4-Dinitrophenol	14.57	184	19609	14.56	ng/ul	96
53) 4-Nitrophenol	14.67	109	31224	18.82	ng/ul	96
54) Dibenzofuran	14.86	168	243624	19.22	ng/ul	96
55) 2,4-Dinitrotoluene	14.82	165	60121	19.69	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.08	232	50315	19.42	ng/ul	96
57) Diethylphthalate	15.27	149	200071	18.95	ng/ul	99
59) Fluorene	15.50	166	197036	19.51	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.50	204	95139	19.36	ng/ul	93
61) 4-Nitroaniline	15.53	138	47610	19.58	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.59	198	34783	17.01	ng/ul	99
65) N-Nitrosodiphenylamine	15.72	169	172948	18.73	ng/ul	99
66) 4-Bromophenyl-phenylether	16.39	248	60369	19.02	ng/ul	93
67) Hexachlorobenzene	16.51	284	69638	19.27	ng/ul	92
68) Atrazine	16.66	200	64783	19.14	ng/ul	98
69) Pentachlorophenol	16.85	266	40181	17.88	ng/ul	100
70) Phenanthrene	17.24	178	335738	19.13	ng/ul	99
72) Anthracene	17.33	178	338329	19.22	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.25	216	77388	18.71	ng/uL	99
74) Pentachlorobenzene	14.77	250	77473	18.74	ng/uL	99
75) Carbazole	17.60	167	313865	19.99	ng/ul	99
76) Di-n-butylphthalate	18.16	149	347881	18.65	ng/ul	100
77) Fluoranthene	19.26	202	407110	20.87	ng/ul	100
80) Pyrene	19.63	202	426827	18.85	ng/ul	99
81) Butylbenzylphthalate	20.52	149	172755	17.99	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.31	252	151112	19.61	ng/ul	99
83) Benzo(a)anthracene	21.37	228	434626	19.16	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	254790	18.57	ng/ul	98
85) Chrysene	21.43	228	412333	19.16	ng/ul	100
87) Di-n-octyl phthalate	22.19	149	470071	19.82	ng/ul#	96
88) Benzo(b)fluoranthene	23.00	252	446524	19.45	ng/ul	98
89) Benzo(k)fluoranthene	23.04	252	440259	20.00	ng/ul	99
91) Benzo(a)pyrene	23.59	252	423926	19.04	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.01	276	447312	16.85	ng/ul	98
93) Dibenzo(a,h)anthracene	26.02	278	382304	17.32	ng/ul	98
94) Benzo(g,h,i)perylene	26.73	276	360970	15.83	ng/ul	97

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

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