Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\Data\BM040616\
Data File : BM004899.D
Acq On : 06 Apr 2016 11:29
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02065

Quant Time: Apr 07 04:22:05 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM040116.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 06 01:34:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	36250	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	167115	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	108974	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.20	188	269981	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	339731	20.00	ng/ul	0.00
86) Perylene-d12	23.68	264	337153	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	7340	8.19	ng/uL	0.00
5) Phenol-d5	6.98	99	56120	17.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	32552	18.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	44565	18.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	46179	17.07	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	20929	17.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	22640	17.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	46434	18.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	64348	21.93	ng/ul	0.00
44) Dimethylphthalate-d6	13.86	166	160468	18.66	ng/ul	0.00
47) Acenaphthylene-d8	14.15	160	191268	18.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	29520	17.37	ng/ul	0.00
58) Fluorene-d10	15.45	176	143308	19.29	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	26671	16.49	ng/ul	0.00
71) Anthracene-d10	17.30	188	231397	19.16	ng/ul	0.00
79) Pyrene-d10	19.59	212	275864	18.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.53	264	282792	18.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	8693	7.97	ng/uL	89
4) Benzaldehyde	6.96	77	32986	21.97	ng/ul	99
6) Phenol	7.01	94	60579	18.01	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.25	93	47231	18.53	ng/ul	95
10) 2-Chlorophenol	7.38	128	47566	18.48	ng/ul	94
11) 2-Methylphenol	8.26	108	45400	17.10	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.35	45	58972	18.97	ng/ul#	92
14) Acetophenone	8.63	105	76103	18.60	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.62	70	36331	17.55	ng/ul	92
16) 4-Methylphenol	8.58	108	52216	17.65	ng/ul	99
17) Hexachloroethane	8.89	117	17983	18.22	ng/ul	98
20) Nitrobenzene	9.02	77	54240	19.06	ng/ul	96
21) Isophorone	9.53	82	101486	17.92	ng/ul	97
23) 2-Nitrophenol	9.73	139	26405	18.36	ng/ul	95
24) 2,4-Dimethylphenol	9.78	107	58051	19.10	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.02	93	66729	18.91	ng/ul	99
27) 2,4-Dichlorophenol	10.26	162	48320	19.03	ng/ul	98
28) Naphthalene	10.66	128	164054	19.42	ng/ul	99
30) 4-Chloroaniline	10.77	127	68743	22.21	ng/ul	100
31) Hexachlorobutadiene	10.94	225	29926	19.38	ng/ul	98
32) Caprolactam	11.52	113	14649	15.25	ng/ul#	79
33) 4-Chloro-3-methylphenol	11.89	107	55103	18.93	ng/ul	99
34) 2-Methylnaphthalene	12.27	142	123245	19.58	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.49	142	119663	19.61 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.64	216	63510	18.83 ng/ul	98
38) Hexachlorocyclopentadiene	12.62	237	32916	16.41 ng/ul	99
39) 2,4,6-Trichlorophenol	12.88	196	39518	17.75 ng/ul	99
40) 2,4,5-Trichlorophenol	12.95	196	44754	18.28 ng/ul	100
41) 1,1'-Biphenyl	13.29	154	167251	18.90 ng/ul	98
42) 2-Chloronaphthalene	13.33	162	124826	18.73 ng/ul	97
43) 2-Nitroaniline	13.53	65	32539	16.95 ng/ul	91
45) Dimethylphthalate	13.91	163	164788	18.82 ng/ul	99
46) 2,6-Dinitrotoluene	14.03	165	30409	17.85 ng/ul	93
48) Acenaphthylene	14.17	152	207517	18.95 ng/ul	100
49) 3-Nitroaniline	14.36	138	32664	18.75 ng/ul	95
50) Acenaphthene	14.52	153	137839	18.80 ng/ul	99
51) 2,4-Dinitrophenol	14.57	184	15234	13.47 ng/ul	94
53) 4-Nitrophenol	14.66	109	25008	17.95 ng/ul	92
54) Dibenzofuran	14.86	168	204110	19.18 ng/ul	94
55) 2,4-Dinitrotoluene	14.82	165	48105	18.76 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.08	232	40195	18.48 ng/ul	93
57) Diethylphthalate	15.27	149	165561	18.67 ng/ul	99
59) Fluorene	15.50	166	165742	19.55 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.50	204	81392	19.72 ng/ul	92
61) 4-Nitroaniline	15.53	138	35996	17.63 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.58	198	29035	16.74 ng/ul#	98
65) N-Nitrosodiphenylamine	15.71	169	145266	18.55 ng/ul	98
66) 4-Bromophenyl-phenylether	16.39	248	49601	18.42 ng/ul	93
67) Hexachlorobenzene	16.51	284	57934	18.90 ng/ul#	90
68) Atrazine	16.66	200	52608	18.32 ng/ul	99
69) Pentachlorophenol	16.85	266	30888	16.21 ng/ul	99
70) Phenanthrene	17.24	178	284141	19.09 ng/ul	99
72) Anthracene	17.33	178	287142	19.24 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.25	216	62674	17.86 ng/uL	99
74) Pentachlorobenzene	14.77	250	64454	18.39 ng/uL	99
75) Carbazole	17.60	167	260765	19.58 ng/ul	99
76) Di-n-butylphthalate	18.16	149	278841	17.63 ng/ul	99
77) Fluoranthene	19.26	202	341684	20.66 ng/ul	100
80) Pyrene	19.62	202	363032	18.67 ng/ul	99
81) Butylbenzylphthalate	20.52	149	129408	15.69 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.30	252	123671	18.68 ng/ul	99
83) Benzo(a)anthracene	21.37	228	369138	18.95 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.30	149	193379	16.41 ng/ul	98
85) Chrysene	21.42	228	354050	19.16 ng/ul	100
87) Di-n-octyl phthalate	22.19	149	351841	17.63 ng/ul#	96
88) Benzo(b)fluoranthene	22.99	252	377961	19.56 ng/ul	99
89) Benzo(k)fluoranthene	23.03	252	365157	19.70 ng/ul	99
91) Benzo(a)pyrene	23.58	252	359967	19.21 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.00	276	382984	17.14 ng/ul	96
93) Dibenzo(a,h)anthracene	26.01	278	324143	17.45 ng/ul	99
94) Benzo(g,h,i)perylene	26.71	276	313953	16.36 ng/ul	97

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

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