Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070216\
Data File : BM006192.D
Acq On : 02 Jul 2016 10:18
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02065

Quant Time: Jul 03 00:11:50 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jul 03 00:08:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	155821	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	664513	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	370034	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	829516	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	918335	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	979865	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	28878	7.92	ng/uL	0.00
5) Phenol-d5	6.83	99	275541	18.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	171236	19.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	211560	18.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	214609	18.17	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	104644	19.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	114545	19.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	208011	19.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	253717	22.45	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	591924	19.17	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	754339	19.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	111526	19.06	ng/ul	0.00
57) Fluorene-d10	15.30	176	514413	19.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	94518	19.45	ng/ul	0.00
70) Anthracene-d10	17.16	188	785061	19.84	ng/ul	0.00
76) Pyrene-d10	19.46	212	866680	19.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	905756	19.90	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	32260	8.09	ng/uL#	29
4) Benzaldehyde	6.80	77	185303	21.95	ng/ul	99
6) Phenol	6.86	94	287758	18.98	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.08	93	220025	19.64	ng/ul	98
10) 2-Chlorophenol	7.22	128	218138	18.87	ng/ul	98
11) 2-Methylphenol	8.10	108	219264	18.88	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.19	45	319511	19.10	ng/ul	99
14) Acetophenone	8.47	105	346490	19.25	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.46	70	184125	17.91	ng/ul	98
16) 4-Methylphenol	8.43	108	236263	18.74	ng/ul	100
17) Hexachloroethane	8.72	117	92025	19.44	ng/ul	91
20) Nitrobenzene	8.85	77	268421	19.49	ng/ul	98
21) Isophorone	9.37	82	492023	18.75	ng/ul	99
23) 2-Nitrophenol	9.56	139	124034	19.19	ng/ul	96
24) 2,4-Dimethylphenol	9.62	107	264214	19.33	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.86	93	298067	19.01	ng/ul	98
27) 2,4-Dichlorophenol	10.09	162	209609	19.48	ng/ul	99
28) Naphthalene	10.49	128	668112	19.54	ng/ul	99
30) 4-Chloroaniline	10.60	127	264590	22.53	ng/ul	97
31) Hexachlorobutadiene	10.77	225	136390	20.28	ng/ul	97
32) Caprolactam	11.36	113	72660	17.04	ng/ul	88
33) 4-Chloro-3-methylphenol	11.74	107	237561	18.09	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	496749	19.14	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.48	216	253667	20.62	ng/ul	99
37) Hexachlorocyclopentadiene	12.46	237	146564	20.95	ng/ul	98
38) 2,4,6-Trichlorophenol	12.73	196	172003	19.78	ng/ul	100
39) 2,4,5-Trichlorophenol	12.80	196	175970	19.38	ng/ul	95
40) 1,1'-Biphenyl	13.13	154	624298	20.46	ng/ul	100
41) 2-Chloronaphthalene	13.17	162	482488	20.29	ng/ul	98
42) 2-Nitroaniline	13.39	65	171922	18.94	ng/ul	96
44) Dimethylphthalate	13.76	163	592372	19.08	ng/ul	99
45) 2,6-Dinitrotoluene	13.89	165	126442	18.80	ng/ul	99
47) Acenaphthylene	14.03	152	802471	19.99	ng/ul	100
48) 3-Nitroaniline	14.22	138	128748	20.95	ng/ul	97
49) Acenaphthene	14.37	153	506377	19.86	ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	62740	16.75	ng/ul	99
52) 4-Nitrophenol	14.54	109	113138	19.23	ng/ul	95
53) Dibenzofuran	14.71	168	720391	19.80	ng/ul	99
54) 2,4-Dinitrotoluene	14.69	165	179941	18.93	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.94	232	154997	18.93	ng/ul	99
56) Diethylphthalate	15.13	149	610171	18.83	ng/ul	99
58) Fluorene	15.36	166	573973	19.67	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	284538	19.87	ng/ul	98
60) 4-Nitroaniline	15.39	138	147450	20.34	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.45	198	102000	19.54	ng/ul	99
64) N-Nitrosodiphenylamine	15.57	169	509883	20.34	ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	185731	20.00	ng/ul	100
66) Hexachlorobenzene	16.36	284	203537	19.85	ng/ul	98
67) Atrazine	16.53	200	189979	20.52	ng/ul	97
68) Pentachlorophenol	16.72	266	100161	18.38	ng/ul	97
69) Phenanthrene	17.10	178	922346	19.94	ng/ul	100
71) Anthracene	17.19	178	958154	20.05	ng/ul	99
72) Carbazole	17.46	167	847950	21.17	ng/ul	99
73) Di-n-butylphthalate	18.03	149	1045375	18.99	ng/ul	100
74) Fluoranthene	19.12	202	1097083	21.30	ng/ul	100
77) Pyrene	19.49	202	1142070	19.83	ng/ul	99
78) Butylbenzylphthalate	20.39	149	495731	18.84	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.18	252	379166	22.33	ng/ul	98
80) Benzo(a)anthracene	21.24	228	1102821	19.58	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.17	149	686369	19.45	ng/ul	99
82) Chrysene	21.29	228	1016684	19.77	ng/ul	99
84) Di-n-octyl phthalate	22.04	149	1256675	21.59	ng/ul	99
85) Benzo(b)fluoranthene	22.81	252	1135770	19.58	ng/ul	99
86) Benzo(k)fluoranthene	22.86	252	1115319	20.66	ng/ul	99
88) Benzo(a)pyrene	23.39	252	1132107	20.16	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.71	276	1324001	20.61	ng/ul	99
90) Dibenzo(a,h)anthracene	25.72	278	1098767	20.74	ng/ul	99
91) Benzo(g,h,i)perylene	26.39	276	1144198	20.65	ng/ul	100

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

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