Quantitation Report (QT Reviewed)

Data Path : S:\HPCHEM1\BNA_M\DATA\BM072015\
Data File : BM001968.D
Acq On : 20 Jul 2015 10:46
Operator : TP/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02057

Quant Time: Jul 21 00:41:42 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 17 01:40:19 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	91844	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	393556	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	250077	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	575065	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	612895	20.00	ng/ul	0.00
85) Perylene-d12	23.48	264	492294	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	14292	7.61	ng/uL	0.00
5) Phenol-d5	6.82	99	142368	18.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	79480	19.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	116100	19.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	120144	19.51	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	56706	19.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	63809	19.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	129601	19.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	148176	21.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	383758	19.03	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	471394	19.43	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	60166	17.61	ng/ul	0.00
57) Fluorene-d10	15.30	176	335943	19.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	59545	15.99	ng/ul	0.00
70) Anthracene-d10	17.16	188	517803	19.18	ng/ul	0.00
78) Pyrene-d10	19.46	212	563643	20.13	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	477324	19.17	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	14809	7.47	ng/uL	96
4) Benzaldehyde	6.80	77	61046	16.84	ng/ul	100
6) Phenol	6.85	94	147950	19.11	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.08	93	111300	19.51	ng/ul	95
10) 2-Chlorophenol	7.22	128	116515	19.28	ng/ul	96
11) 2-Methylphenol	8.09	108	112912	19.15	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.19	45	119972	18.01	ng/ul	95
14) Acetophenone	8.47	105	188987	19.42	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.46	70	95556	19.13	ng/ul	98
16) 4-Methylphenol	8.43	108	126202	19.56	ng/ul	96
17) Hexachloroethane	8.72	117	45212	18.74	ng/ul	95
20) Nitrobenzene	8.86	77	136941	18.91	ng/ul	98
21) Isophorone	9.37	82	254015	18.78	ng/ul	99
23) 2-Nitrophenol	9.56	139	68852	19.39	ng/ul	97
24) 2,4-Dimethylphenol	9.62	107	143446	19.02	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.86	93	156315	19.26	ng/ul	98
27) 2,4-Dichlorophenol	10.09	162	125207	19.48	ng/ul	100
28) Naphthalene	10.49	128	382511	19.25	ng/ul	99
30) 4-Chloroaniline	10.61	127	150918	21.56	ng/ul	100
31) Hexachlorobutadiene	10.77	225	87201	18.92	ng/ul	99
32) Caprolactam	11.37	113	58244	19.17	ng/ul	92
33) 4-Chloro-3-methylphenol	11.74	107	135416	19.20	ng/ul	97
34) 2-Methylnaphthalene	12.11	142	289648	19.58	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	172803	19.35	ng/ul	97
37) Hexachlorocyclopentadiene	12.46	237	79906	15.57	ng/ul	99
38) 2,4,6-Trichlorophenol	12.73	196	109152	19.53	ng/ul	99
39) 2,4,5-Trichlorophenol	12.80	196	116964	19.22	ng/ul	99
40) 1,1'-Biphenyl	13.14	154	390826	19.47	ng/ul	100
41) 2-Chloronaphthalene	13.17	162	303145	19.39	ng/ul	98
42) 2-Nitroaniline	13.39	65	83349	18.92	ng/ul	92
44) Dimethylphthalate	13.77	163	391354	19.07	ng/ul	98
45) 2,6-Dinitrotoluene	13.90	165	80209	18.99	ng/ul	99
47) Acenaphthylene	14.03	152	479003	19.35	ng/ul	99
48) 3-Nitroaniline	14.22	138	72663	19.46	ng/ul	97
49) Acenaphthene	14.37	153	319819	19.27	ng/ul	100
50) 2,4-Dinitrophenol	14.43	184	34573	13.57	ng/ul	97
52) 4-Nitrophenol	14.53	109	52915	16.81	ng/ul	95
53) Dibenzofuran	14.71	168	459493	19.27	ng/ul	100
54) 2,4-Dinitrotoluene	14.69	165	116185	18.95	ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	14.94	232	103370	19.20	ng/ul#	98
56) Diethylphthalate	15.14	149	381432	18.76	ng/ul	99
58) Fluorene	15.36	166	383993	19.21	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.36	204	207165	19.12	ng/ul	100
60) 4-Nitroaniline	15.39	138	71960	18.31	ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.45	198	63768	16.14	ng/ul	99
64) N-Nitrosodiphenylamine	15.57	169	332328	19.34	ng/ul	99
65) 4-Bromophenyl-phenylether	16.25	248	127819	19.44	ng/ul	98
66) Hexachlorobenzene	16.36	284	139684	19.19	ng/ul	97
67) Atrazine	16.53	200	130844	19.30	ng/ul	99
68) Pentachlorophenol	16.71	266	77922	17.36	ng/ul	97
69) Phenanthrene	17.10	178	599493	19.24	ng/ul	100
71) Anthracene	17.19	178	616533	19.18	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	173695	19.72	ng/uL	97
73) Pentachlorobenzene	14.63	250	166854	19.45	ng/uL	99
74) Carbazole	17.46	167	532271	19.22	ng/ul	100
75) Di-n-butylphthalate	18.03	149	630702	18.87	ng/ul	99
76) Fluoranthene	19.12	202	696441	19.13	ng/ul	99
79) Pyrene	19.49	202	732447	19.97	ng/ul	98
80) Butylbenzylphthalate	20.39	149	276937	19.86	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.18	252	211388	18.60	ng/ul	100
82) Benzo(a)anthracene	21.24	228	703751	19.29	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.17	149	411616	20.14	ng/ul	99
84) Chrysene	21.29	228	652040	19.08	ng/ul	100
86) Di-n-octyl phthalate	22.04	149	680880	22.21	ng/ul	100
87) Benzo(b)fluoranthene	22.81	252	604218	20.03	ng/ul	99
88) Benzo(k)fluoranthene	22.86	252	569993	19.65	ng/ul	99
90) Benzo(a)pyrene	23.39	252	550231	19.41	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.73	276	551771	18.54	ng/ul	98
92) Dibenzo(a,h)anthracene	25.73	278	472873	18.79	ng/ul	96
93) Benzo(g,h,i)perylene	26.41	276	462238	18.90	ng/ul	99

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

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