Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071616\
Data File : BM006471.D
Acq On : 16 Jul 2016 10:16
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02067

Quant Time: Jul 18 06:16:45 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 15 23:20:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	118098	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	490071	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	277007	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.02	188	651827	20.00	ng/ul	0.00
75) Chrysene-d12	21.22	240	763615	20.00	ng/ul	-0.01
83) Perylene-d12	23.41	264	815564	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	22021	7.85	ng/uL	0.00
5) Phenol-d5	6.79	99	204079	21.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	126684	21.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	161469	20.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	163291	21.23	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	75195	20.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	81150	19.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	156031	19.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	198622	23.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.68	166	470824	20.77	ng/ul	0.00
46) Acenaphthylene-d8	13.96	160	596511	21.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	81675	20.74	ng/ul	0.00
57) Fluorene-d10	15.26	176	411392	20.41	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	69390	18.40	ng/ul	0.00
70) Anthracene-d10	17.12	188	636969	20.67	ng/ul	0.00
76) Pyrene-d10	19.42	212	719571	20.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	778478	20.87	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	25453	8.47	ng/uL#	16
4) Benzaldehyde	6.76	77	141169	24.15	ng/ul	98
6) Phenol	6.82	94	219314	21.50	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.05	93	166013	22.08	ng/ul	98
10) 2-Chlorophenol	7.18	128	169718	21.07	ng/ul	98
11) 2-Methylphenol	8.06	108	161112	21.20	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.15	45	247691	20.27	ng/ul	99
14) Acetophenone	8.43	105	257297	21.24	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.42	70	133524	20.89	ng/ul	95
16) 4-Methylphenol	8.39	108	177470	21.61	ng/ul	98
17) Hexachloroethane	8.68	117	69327	20.23	ng/ul	91
20) Nitrobenzene	8.81	77	200331	20.25	ng/ul	97
21) Isophorone	9.33	82	355988	20.16	ng/ul	98
23) 2-Nitrophenol	9.52	139	93312	20.21	ng/ul	99
24) 2,4-Dimethylphenol	9.58	107	199682	20.00	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.82	93	221613	20.98	ng/ul	97
27) 2,4-Dichlorophenol	10.05	162	157245	19.66	ng/ul	98
28) Naphthalene	10.45	128	516338	20.76	ng/ul	100
30) 4-Chloroaniline	10.56	127	206210	23.88	ng/ul	99
31) Hexachlorobutadiene	10.73	225	102043	18.69	ng/ul	98
32) Caprolactam	11.31	113	51084	20.11	ng/ul	96
33) 4-Chloro-3-methylphenol	11.69	107	177020	19.76	ng/ul	98
34) 2-Methylnaphthalene	12.07	142	379430	20.24	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.44	216	195900	20.16	ng/ul	98
37) Hexachlorocyclopentadiene	12.42	237	89009	17.39	ng/ul	96
38) 2,4,6-Trichlorophenol	12.69	196	126871	20.11	ng/ul	96
39) 2,4,5-Trichlorophenol	12.76	196	131487	20.23	ng/ul	98
40) 1,1'-Biphenyl	13.09	154	493133	21.59	ng/ul	99
41) 2-Chloronaphthalene	13.13	162	377252	21.11	ng/ul	99
42) 2-Nitroaniline	13.35	65	124182	20.32	ng/ul	94
44) Dimethylphthalate	13.73	163	472864	20.56	ng/ul	99
45) 2,6-Dinitrotoluene	13.85	165	95184	20.83	ng/ul	97
47) Acenaphthylene	13.99	152	627668	21.50	ng/ul	99
48) 3-Nitroaniline	14.18	138	100356	23.31	ng/ul	97
49) Acenaphthene	14.33	153	392114	20.88	ng/ul	96
50) 2,4-Dinitrophenol	14.40	184	39133	15.07	ng/ul	94
52) 4-Nitrophenol	14.50	109	80783	18.12	ng/ul	99
53) Dibenzofuran	14.67	168	573199	20.96	ng/ul	97
54) 2,4-Dinitrotoluene	14.64	165	141598	20.73	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.90	232	117105	19.89	ng/ul	97
56) Diethylphthalate	15.10	149	487091	20.07	ng/ul	99
58) Fluorene	15.32	166	452247	20.68	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.32	204	226673	20.38	ng/ul	99
60) 4-Nitroaniline	15.35	138	117206	22.96	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.41	198	76463	19.05	ng/ul	98
64) N-Nitrosodiphenylamine	15.53	169	408989	21.36	ng/ul	100
65) 4-Bromophenyl-phenylether	16.21	248	149542	20.59	ng/ul	97
66) Hexachlorobenzene	16.33	284	167238	20.65	ng/ul	98
67) Atrazine	16.49	200	147425	20.83	ng/ul	99
68) Pentachlorophenol	16.67	266	72317	18.57	ng/ul	96
69) Phenanthrene	17.06	178	753566	21.02	ng/ul	99
71) Anthracene	17.15	178	783081	21.24	ng/ul	99
72) Carbazole	17.42	167	696904	22.36	ng/ul	99
73) Di-n-butylphthalate	17.99	149	826078	19.38	ng/ul	99
74) Fluoranthene	19.08	202	904841	21.72	ng/ul	98
77) Pyrene	19.44	202	955723	20.96	ng/ul	98
78) Butylbenzylphthalate	20.36	149	390091	19.46	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.14	252	318829	21.43	ng/ul	97
80) Benzo(a)anthracene	21.20	228	957362	20.54	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.14	149	550331	19.77	ng/ul	100
82) Chrysene	21.25	228	890681	20.30	ng/ul	99
84) Di-n-octyl phthalate	22.00	149	1019188	21.44	ng/ul	98
85) Benzo(b)fluoranthene	22.76	252	1041151	21.36	ng/ul	100
86) Benzo(k)fluoranthene	22.80	252	948336	20.68	ng/ul	100
88) Benzo(a)pyrene	23.32	252	986844	21.14	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.61	276	1144688	21.07	ng/ul	100
90) Dibenzo(a,h)anthracene	25.62	278	960851	21.28	ng/ul	99
91) Benzo(g,h,i)perylene	26.28	276	980228	20.42	ng/ul	99

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

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