Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA M\DATA\BM070916\
Data File : BM006371.D
Acq On : 09 Jul 2016 10:39
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02050

Quant Time: Jul 11 03:53:20 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM070216.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 11 03:50:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	114507	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	465114	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.28	164	266384	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	599742	20.00	ng/ul	0.00
75) Chrysene-d12	21.23	240	663518	20.00	ng/ul	0.00
83) Perylene-d12	23.44	264	730366	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	21708	8.11	ng/uL	0.00
5) Phenol-d5	6.81	99	196541	18.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	118974	18.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	154736	18.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	153432	17.68	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	73092	19.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	84163	20.03	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	153727	20.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	177925	22.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	437438	19.68	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	555853	20.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	81720	19.40	ng/ul	0.00
57) Fluorene-d10	15.28	176	381399	19.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	67134	19.10	ng/ul	0.00
70) Anthracene-d10	17.13	188	587147	20.52	ng/ul	0.00
76) Pyrene-d10	19.43	212	640241	20.23	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.30	264	687081	20.25	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	23242	7.93	ng/uL#	2
4) Benzaldehyde	6.78	77	138286	22.29	ng/ul	97
6) Phenol	6.84	94	207086	18.58	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.06	93	154083	18.72	ng/ul	95
10) 2-Chlorophenol	7.20	128	161203	18.98	ng/ul	98
11) 2-Methylphenol	8.07	108	154032	18.05	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.17	45	249168	20.27	ng/ul	97
14) Acetophenone	8.45	105	252767	19.11	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.43	70	130918	17.33	ng/ul	93
16) 4-Methylphenol	8.40	108	167183	18.04	ng/ul	98
17) Hexachloroethane	8.70	117	68488	19.69	ng/ul	88
20) Nitrobenzene	8.83	77	196577	20.39	ng/ul	96
21) Isophorone	9.35	82	342114	18.62	ng/ul	98
23) 2-Nitrophenol	9.53	139	92562	20.46	ng/ul	95
24) 2,4-Dimethylphenol	9.60	107	189496	19.81	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.83	93	209304	19.07	ng/ul	98
27) 2,4-Dichlorophenol	10.06	162	152632	20.26	ng/ul	99
28) Naphthalene	10.46	128	480612	20.08	ng/ul	100
30) 4-Chloroaniline	10.57	127	185013	22.51	ng/ul	99
31) Hexachlorobutadiene	10.75	225	105829	22.48	ng/ul	99
32) Caprolactam	11.33	113	51123	17.13	ng/ul	98
33) 4-Chloro-3-methylphenol	11.71	107	172932	18.81	ng/ul	95
34) 2-Methylnaphthalene	12.08	142	354423	19.51	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.46	216	192077	21.69 ng/ul	97
37) Hexachlorocyclopentadiene	12.43	237	99451	19.75 ng/ul	100
38) 2,4,6-Trichlorophenol	12.70	196	131110	20.95 ng/ul	98
39) 2,4,5-Trichlorophenol	12.78	196	131654	20.15 ng/ul	98
40) 1,1'-Biphenyl	13.11	154	458979	20.89 ng/ul	98
41) 2-Chloronaphthalene	13.14	162	357953	20.91 ng/ul	99
42) 2-Nitroaniline	13.36	65	126566	19.37 ng/ul	99
44) Dimethylphthalate	13.74	163	439659	19.67 ng/ul	98
45) 2,6-Dinitrotoluene	13.87	165	93565	19.32 ng/ul	94
47) Acenaphthylene	14.00	152	578589	20.02 ng/ul	99
48) 3-Nitroaniline	14.20	138	89781	20.29 ng/ul	100
49) Acenaphthene	14.34	153	368470	20.08 ng/ul	100
50) 2,4-Dinitrophenol	14.41	184	42022	15.59 ng/ul	96
52) 4-Nitrophenol	14.52	109	87280	20.60 ng/ul	94
53) Dibenzofuran	14.69	168	530438	20.25 ng/ul	98
54) 2,4-Dinitrotoluene	14.66	165	131610	19.24 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.92	232	119266	20.24 ng/ul	99
56) Diethylphthalate	15.12	149	454087	19.47 ng/ul	99
58) Fluorene	15.33	166	424308	20.20 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.33	204	210455	20.41 ng/ul	97
60) 4-Nitroaniline	15.36	138	103252	19.79 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.43	198	72218	19.13 ng/ul	98
64) N-Nitrosodiphenylamine	15.55	169	374818	20.68 ng/ul	99
65) 4-Bromophenyl-phenylether	16.23	248	141831	21.12 ng/ul	98
66) Hexachlorobenzene	16.34	284	156471	21.11 ng/ul	97
67) Atrazine	16.50	200	142565	21.30 ng/ul	99
68) Pentachlorophenol	16.69	266	86318	21.91 ng/ul	97
69) Phenanthrene	17.07	178	676396	20.22 ng/ul	99
71) Anthracene	17.17	178	702977	20.34 ng/ul	99
72) Carbazole	17.44	167	624705	21.57 ng/ul	99
73) Di-n-butylphthalate	18.00	149	944259	23.72 ng/ul	99
74) Fluoranthene	19.10	202	813992	21.86 ng/ul	97
77) Pyrene	19.46	202	839043	20.16 ng/ul	96
78) Butylbenzylphthalate	20.37	149	374352	19.69 ng/ul	99
79) 3,3'-Dichlorobenzidine	21.16	252	267199	21.78 ng/ul	98
80) Benzo(a)anthracene	21.22	228	837067	20.57 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.15	149	510993	20.04 ng/ul	100
82) Chrysene	21.27	228	754083	20.29 ng/ul	99
84) Di-n-octyl phthalate	22.02	149	940659	21.68 ng/ul#	91
85) Benzo(b)fluoranthene	22.78	252	899408	20.80 ng/ul	99
86) Benzo(k)fluoranthene	22.82	252	829060	20.60 ng/ul	98
88) Benzo(a)pyrene	23.34	252	862077	20.60 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.66	276	1026944	21.45 ng/ul	98
90) Dibenzo(a,h)anthracene	25.66	278	857375	21.72 ng/ul	99
91) Benzo(g,h,i)perylene	26.33	276	892039	21.60 ng/ul	98

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

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