Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051316\
Data File : BM005461.D
Acq On : 14 May 2016 13:09
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02036

Quant Time: May 16 13:03:21 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM050516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 14 00:15:57 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	39461	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	178282	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	114488	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	286794	20.00	ng/ul	0.00
75) Chrysene-d12	21.34	240	388346	20.00	ng/ul	0.00
83) Perylene-d12	23.61	264	394502	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	6849	8.16	ng/uL	0.00
5) Phenol-d5	6.93	99	68861	19.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	40904	20.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	54161	20.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	55814	18.87	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	27051	21.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	29571	20.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	55729	20.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	73313	22.74	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	187680	20.45	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	222321	20.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	26244	15.67	ng/ul	0.00
57) Fluorene-d10	15.39	176	166024	20.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	31299	19.40	ng/ul	0.00
70) Anthracene-d10	17.24	188	272923	21.53	ng/ul	0.00
76) Pyrene-d10	19.54	212	339743	18.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	367428	21.04	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	12541	8.20	ng/uL#	92
4) Benzaldehyde	6.90	77	43386	25.02	ng/ul	96
6) Phenol	6.96	94	73789	19.95	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.17	93	54612	19.61	ng/ul	97
10) 2-Chlorophenol	7.32	128	55670	20.13	ng/ul	98
11) 2-Methylphenol	8.20	108	54747	19.15	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.28	45	77504	20.52	ng/ul	99
14) Acetophenone	8.57	105	90396	20.63	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.55	70	46217	20.18	ng/ul	99
16) 4-Methylphenol	8.53	108	60967	19.21	ng/ul	100
17) Hexachloroethane	8.82	117	21388	20.56	ng/ul	91
20) Nitrobenzene	8.95	77	67020	21.03	ng/ul	99
21) Isophorone	9.47	82	126315	20.41	ng/ul	99
23) 2-Nitrophenol	9.66	139	32683	21.05	ng/ul	98
24) 2,4-Dimethylphenol	9.72	107	69034	20.96	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.95	93	75244	19.53	ng/ul	98
27) 2,4-Dichlorophenol	10.20	162	56390	20.56	ng/ul	98
28) Naphthalene	10.58	128	184865	20.61	ng/ul	99
30) 4-Chloroaniline	10.70	127	75036	22.82	ng/ul	97
31) Hexachlorobutadiene	10.86	225	36252	22.24	ng/ul	98
32) Caprolactam	11.47	113	19574	19.15	ng/ul	90
33) 4-Chloro-3-methylphenol	11.84	107	67682	20.58	ng/ul	98
34) 2-Methylnaphthalene	12.20	142	136233	20.31	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	72370	20.78	ng/ul	98
37) Hexachlorocyclopentadiene	12.54	237	11562	6.50	ng/ul	99
38) 2,4,6-Trichlorophenol	12.83	196	46210	19.92	ng/ul	97
39) 2,4,5-Trichlorophenol	12.90	196	48656	18.91	ng/ul	97
40) 1,1'-Biphenyl	13.22	154	182851	20.16	ng/ul	100
41) 2-Chloronaphthalene	13.26	162	139615	20.36	ng/ul	99
42) 2-Nitroaniline	13.48	65	44835	21.24	ng/ul	96
44) Dimethylphthalate	13.84	163	188091	20.51	ng/ul	99
45) 2,6-Dinitrotoluene	13.97	165	38664	21.38	ng/ul	93
47) Acenaphthylene	14.11	152	236716	20.79	ng/ul	100
48) 3-Nitroaniline	14.32	138	41887	21.73	ng/ul	100
49) Acenaphthene	14.46	153	155707	20.75	ng/ul	98
50) 2,4-Dinitrophenol	14.54	184	13431	12.91	ng/ul	98
52) 4-Nitrophenol	14.64	109	23543	16.90	ng/ul	91
53) Dibenzofuran	14.79	168	226762	20.83	ng/ul	96
54) 2,4-Dinitrotoluene	14.77	165	59032	21.89	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.03	232	42619	19.48	ng/ul#	96
56) Diethylphthalate	15.22	149	193339	20.87	ng/ul	99
58) Fluorene	15.44	166	185511	21.79	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.43	204	92102	21.84	ng/ul	98
60) 4-Nitroaniline	15.48	138	41503	20.31	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.54	198	32460	19.15	ng/ul#	90
64) N-Nitrosodiphenylamine	15.65	169	163837	20.86	ng/ul	99
65) 4-Bromophenyl-phenylether	16.33	248	58456	21.26	ng/ul	97
66) Hexachlorobenzene	16.45	284	65911	21.37	ng/ul	96
67) Atrazine	16.60	200	64450	22.49	ng/ul	99
68) Pentachlorophenol	16.80	266	25003	14.59	ng/ul	96
69) Phenanthrene	17.19	178	319950	21.22	ng/ul	99
71) Anthracene	17.27	178	328914	21.88	ng/ul	100
72) Carbazole	17.55	167	310431	23.47	ng/ul	98
73) Di-n-butylphthalate	18.10	149	370236	22.95	ng/ul	99
74) Fluoranthene	19.20	202	413443	24.75	ng/ul	99
77) Pyrene	19.57	202	432440	19.20	ng/ul	99
78) Butylbenzylphthalate	20.46	149	189630	20.28	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.26	252	158588	22.72	ng/ul	98
80) Benzo(a)anthracene	21.33	228	454809	20.36	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.24	149	281181	21.64	ng/ul	99
82) Chrysene	21.38	228	440155	20.77	ng/ul	99
84) Di-n-octyl phthalate	22.12	149	525329	22.80	ng/ul	100
85) Benzo(b)fluoranthene	22.93	252	484835	21.03	ng/ul	99
86) Benzo(k)fluoranthene	22.97	252	462375	21.30	ng/ul	99
88) Benzo(a)pyrene	23.51	252	461299	21.15	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.91	276	471912	19.83	ng/ul	97
90) Dibenzo(a,h)anthracene	25.91	278	400766	20.12	ng/ul	98
91) Benzo(g,h,i)perylene	26.61	276	387727	19.24	ng/ul	96

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

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