Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051916\
Data File : BM005522.D
Acq On : 20 May 2016 05:47
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02049

Quant Time: May 20 07:06:16 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 01:00:58 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	97422	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	500214	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	342936	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	892966	20.00	ng/ul	0.01
75) Chrysene-d12	21.39	240	1219279	20.00	ng/ul	0.01
83) Perylene-d12	23.69	264	1366208	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	16448	6.50	ng/uL	0.00
5) Phenol-d5	7.01	99	180157	19.25	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.17	67	97900	19.10	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	143274	19.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	156582	19.64	ng/ul	0.01
19) Nitrobenzene-d5	8.99	128	72888	20.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	83611	21.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	167415	21.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	221344	24.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.88	166	556124	19.73	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	682130	20.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	118759	20.53	ng/ul	0.02
57) Fluorene-d10	15.46	176	497566	20.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	86431	18.36	ng/ul	0.01
70) Anthracene-d10	17.31	188	836206	20.36	ng/ul	0.00
76) Pyrene-d10	19.60	212	993383	20.26	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.54	264	1092502	17.89	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	21045	7.44	ng/uL#	94
4) Benzaldehyde	6.98	77	110446	24.25	ng/ul	95
6) Phenol	7.03	94	194838	19.81	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.26	93	132987	18.70	ng/ul	100
10) 2-Chlorophenol	7.40	128	146045	19.76	ng/ul	97
11) 2-Methylphenol	8.28	108	148556	19.42	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.37	45	185290	18.49	ng/ul	98
14) Acetophenone	8.66	105	241535	19.92	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.64	70	128313	18.90	ng/ul	97
16) 4-Methylphenol	8.61	108	169086	19.69	ng/ul	92
17) Hexachloroethane	8.92	117	51809	19.19	ng/ul	95
20) Nitrobenzene	9.04	77	184114	20.51	ng/ul	96
21) Isophorone	9.56	82	362104	19.72	ng/ul#	98
23) 2-Nitrophenol	9.75	139	91157	21.39	ng/ul	93
24) 2,4-Dimethylphenol	9.81	107	200500	21.21	ng/ul	95
25) Bis(2-Chloroethoxy)methane	10.04	93	204756	18.83	ng/ul	99
27) 2,4-Dichlorophenol	10.27	162	168066	21.24	ng/ul	97
28) Naphthalene	10.68	128	494595	19.48	ng/ul	100
30) 4-Chloroaniline	10.79	127	232954	24.37	ng/ul	97
31) Hexachlorobutadiene	10.96	225	101025	22.49	ng/ul	96
32) Caprolactam	11.55	113	63209	20.97	ng/ul	95
33) 4-Chloro-3-methylphenol	11.92	107	202256	20.76	ng/ul	95
34) 2-Methylnaphthalene	12.29	142	402343	20.15	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.66	216	220287	21.15 ng/ul	98
37) Hexachlorocyclopentadiene	12.64	237	54247	9.40 ng/ul	100
38) 2,4,6-Trichlorophenol	12.90	196	156098	21.64 ng/ul	97
39) 2,4,5-Trichlorophenol	12.97	196	170747	21.61 ng/ul	98
40) 1,1'-Biphenyl	13.30	154	546933	19.90 ng/ul	99
41) 2-Chloronaphthalene	13.35	162	426314	20.18 ng/ul	99
42) 2-Nitroaniline	13.55	65	141743	21.26 ng/ul	96
44) Dimethylphthalate	13.93	163	563393	19.60 ng/ul	99
45) 2,6-Dinitrotoluene	14.04	165	117033	21.15 ng/ul#	95
47) Acenaphthylene	14.19	152	701006	20.34 ng/ul	100
48) 3-Nitroaniline	14.37	138	139786	23.70 ng/ul	99
49) Acenaphthene	14.53	153	472318	20.06 ng/ul	99
50) 2,4-Dinitrophenol	14.58	184	57073	17.70 ng/ul	92
52) 4-Nitrophenol	14.69	109	120524	23.28 ng/ul	86
53) Dibenzofuran	14.87	168	693240	20.18 ng/ul	100
54) 2,4-Dinitrotoluene	14.83	165	176861	21.06 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.09	232	163228	21.84 ng/ul#	99
56) Diethylphthalate	15.29	149	605559	19.91 ng/ul	100
58) Fluorene	15.52	166	569853	20.06 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.51	204	279007	20.42 ng/ul	99
60) 4-Nitroaniline	15.54	138	157083	22.72 ng/ul#	88
63) 4,6-Dinitro-2-methylphenol	15.59	198	93806	18.28 ng/ul#	95
64) N-Nitrosodiphenylamine	15.73	169	513099	20.25 ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	189030	20.95 ng/ul	99
66) Hexachlorobenzene	16.52	284	217236	20.70 ng/ul	97
67) Atrazine	16.67	200	210756	23.23 ng/ul	98
68) Pentachlorophenol	16.86	266	140789	20.82 ng/ul	97
69) Phenanthrene	17.26	178	1002884	19.74 ng/ul	99
71) Anthracene	17.34	178	1025483	20.41 ng/ul	99
72) Carbazole	17.62	167	968745	21.29 ng/ul	100
73) Di-n-butylphthalate	18.18	149	1161268	20.60 ng/ul	99
74) Fluoranthene	19.27	202	1252088	21.07 ng/ul#	94
77) Pyrene	19.63	202	1308432	20.03 ng/ul#	94
78) Butylbenzylphthalate	20.53	149	565729	20.39 ng/ul#	80
79) 3,3'-Dichlorobenzidine	21.31	252	540626	23.16 ng/ul	98
80) Benzo(a)anthracene	21.37	228	1374531	19.19 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	1074769	25.90 ng/ul#	86
82) Chrysene	21.43	228	1335069	19.70 ng/ul	99
84) Di-n-octyl phthalate	22.20	149	2055688	28.35 ng/ul#	94
85) Benzo(b)fluoranthene	22.99	252	1469348	18.79 ng/ul#	96
86) Benzo(k)fluoranthene	23.04	252	1393464	18.34 ng/ul#	96
88) Benzo(a)pyrene	23.59	252	1468138	18.90 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	26.01	276	1689040	16.51 ng/ul#	93
90) Dibenzo(a,h)anthracene	26.03	278	1441258	16.96 ng/ul#	96
91) Benzo(g,h,i)perylene	26.73	276	1390417	15.68 ng/ul#	94

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

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