Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM051816\
Data File : BM005483.D
Acq On : 18 May 2016 23:21
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02045

Quant Time: May 19 01:46:25 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM051816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 18 14:47:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	30288	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	156945	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	109856	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	294839	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	443340	20.00	ng/ul	0.00
83) Perylene-d12	23.66	264	514428	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	5410	6.88	ng/uL	0.00
5) Phenol-d5	6.99	99	55278	19.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	31736	19.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	41521	18.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	46536	18.78	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	20776	18.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	21910	17.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	48601	19.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	67280	23.88	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	177342	19.64	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	209722	19.67	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	35367	19.09	ng/ul	0.00
57) Fluorene-d10	15.46	176	159799	20.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	26305	16.93	ng/ul	0.00
70) Anthracene-d10	17.30	188	267299	19.71	ng/ul	0.00
76) Pyrene-d10	19.59	212	348130	19.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	464902	20.21	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	6784	7.71	ng/uL	93
4) Benzaldehyde	6.98	77	34392	24.29	ng/ul	97
6) Phenol	7.02	94	59177	19.36	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.26	93	42782	19.35	ng/ul	99
10) 2-Chlorophenol	7.40	128	43384	18.88	ng/ul	97
11) 2-Methylphenol	8.27	108	44687	18.79	ng/ul	91
12) 2,2'-oxybis(1-Chloropropan	8.37	45	61241	19.65	ng/ul	99
14) Acetophenone	8.65	105	76857	20.39	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.63	70	38257	18.13	ng/ul	96
16) 4-Methylphenol	8.59	108	51124	19.14	ng/ul	97
17) Hexachloroethane	8.92	117	16656	19.84	ng/ul	90
20) Nitrobenzene	9.03	77	55425	19.68	ng/ul	99
21) Isophorone	9.55	82	108878	18.90	ng/ul	98
23) 2-Nitrophenol	9.74	139	25095	18.77	ng/ul#	91
24) 2,4-Dimethylphenol	9.80	107	59860	20.18	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.04	93	65553	19.21	ng/ul	99
27) 2,4-Dichlorophenol	10.27	162	49531	19.96	ng/ul	98
28) Naphthalene	10.67	128	156358	19.62	ng/ul	98
30) 4-Chloroaniline	10.78	127	72181	24.07	ng/ul	98
31) Hexachlorobutadiene	10.96	225	29441	20.89	ng/ul	96
32) Caprolactam	11.54	113	18486	19.55	ng/ul	92
33) 4-Chloro-3-methylphenol	11.90	107	60685	19.85	ng/ul	94
34) 2-Methylnaphthalene	12.29	142	124417	19.85	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	65995	19.78 ng/ul	99
37) Hexachlorocyclopentadiene	12.63	237	34345	18.58 ng/ul	92
38) 2,4,6-Trichlorophenol	12.89	196	44746	19.36 ng/ul	98
39) 2,4,5-Trichlorophenol	12.96	196	49237	19.45 ng/ul	98
40) 1,1'-Biphenyl	13.30	154	172773	19.62 ng/ul	99
41) 2-Chloronaphthalene	13.34	162	133497	19.73 ng/ul	99
42) 2-Nitroaniline	13.54	65	38064	17.82 ng/ul	94
44) Dimethylphthalate	13.92	163	183107	19.89 ng/ul	99
45) 2,6-Dinitrotoluene	14.04	165	33099	18.67 ng/ul	97
47) Acenaphthylene	14.19	152	218481	19.78 ng/ul	99
48) 3-Nitroaniline	14.36	138	38188	20.21 ng/ul	95
49) Acenaphthene	14.53	153	147899	19.61 ng/ul	99
50) 2,4-Dinitrophenol	14.57	184	17484	16.93 ng/ul	89
52) 4-Nitrophenol	14.66	109	34953	21.08 ng/ul	90
53) Dibenzofuran	14.86	168	218867	19.89 ng/ul	97
54) 2,4-Dinitrotoluene	14.82	165	53368	19.84 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.09	232	46729	19.51 ng/ul#	99
56) Diethylphthalate	15.29	149	191412	19.65 ng/ul	99
58) Fluorene	15.52	166	184524	20.28 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.51	204	90562	20.69 ng/ul	99
60) 4-Nitroaniline	15.52	138	44342	20.02 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.58	198	29807	17.59 ng/ul#	94
64) N-Nitrosodiphenylamine	15.72	169	162895	19.47 ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	57865	19.43 ng/ul	94
66) Hexachlorobenzene	16.51	284	68912	19.88 ng/ul	97
67) Atrazine	16.67	200	64970	21.69 ng/ul	98
68) Pentachlorophenol	16.85	266	41102	18.41 ng/ul	98
69) Phenanthrene	17.24	178	329195	19.63 ng/ul	99
71) Anthracene	17.34	178	331098	19.96 ng/ul	98
72) Carbazole	17.60	167	316410	21.06 ng/ul	100
73) Di-n-butylphthalate	18.17	149	348112	18.71 ng/ul	100
74) Fluoranthene	19.26	202	429152	21.88 ng/ul	98
77) Pyrene	19.62	202	461229	19.42 ng/ul	97
78) Butylbenzylphthalate	20.52	149	183604	18.20 ng/ul	99
79) 3,3'-Dichlorobenzidine	21.30	252	178427	21.02 ng/ul	97
80) Benzo(a)anthracene	21.36	228	517069	19.85 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.30	149	288834	19.14 ng/ul#	98
82) Chrysene	21.42	228	487524	19.79 ng/ul	99
84) Di-n-octyl phthalate	22.19	149	531997	19.48 ng/ul	99
85) Benzo(b)fluoranthene	22.97	252	592346	20.12 ng/ul	98
86) Benzo(k)fluoranthene	23.02	252	582889	20.38 ng/ul	99
88) Benzo(a)pyrene	23.56	252	589606	20.16 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.97	276	792126	20.56 ng/ul	95
90) Dibenzo(a,h)anthracene	25.99	278	654407	20.45 ng/ul	97
91) Benzo(g,h,i)perylene	26.67	276	683139	20.46 ng/ul	97

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

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