Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM052016\
Data File : BM005528.D
Acq On : 20 May 2016 19:44
Operator : UM/SJ
Sample : SSTD04053
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD04053

Manual Integrations APPROVED
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Quant Time: May 20 21:22:37 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 20 20:29:59 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	81061	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	346168	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	196666	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	447460	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	525023	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	552741	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	28876	14.00	ng/uL	0.00
5) Phenol-d5	6.99	99	261152	34.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	153231	36.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	217115	36.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	215359	33.17	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	104934	41.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	115382	41.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	214024	39.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	231189	39.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	612696	37.69	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	775284	39.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	123435	37.57	ng/ul	0.00
57) Fluorene-d10	15.44	176	531214	37.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	106554	44.16	ng/ul	0.00
70) Anthracene-d10	17.30	188	815369	39.09	ng/ul	0.00
76) Pyrene-d10	19.59	212	920560	42.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.51	264	1005798	40.23	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	49718	19.59	ng/uL	97
4) Benzaldehyde	6.97	77	177265	46.68	ng/ul	98
6) Phenol	7.02	94	270161	33.64	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.25	93	203307	35.09	ng/ul	99
10) 2-Chlorophenol	7.39	128	215407	35.35	ng/ul	99
11) 2-Methylphenol	8.26	108	207017	33.30	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.36	45	271921	33.50	ng/ul	99
14) Acetophenone	8.65	105	321223	32.76	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.63	70	164595	30.09	ng/ul	98
16) 4-Methylphenol	8.59	108	222070	32.04	ng/ul	97
17) Hexachloroethane	8.90	117	86837	38.27	ng/ul	97
20) Nitrobenzene	9.02	77	249288	39.55	ng/ul	99
21) Isophorone	9.55	82	458782	36.05	ng/ul	99
23) 2-Nitrophenol	9.73	139	123473	40.97	ng/ul	96
24) 2,4-Dimethylphenol	9.79	107	251465	38.16	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.03	93	269036	35.93	ng/ul	98
27) 2,4-Dichlorophenol	10.26	162	210426	38.10	ng/ul	95
28) Naphthalene	10.67	128	662045	37.40	ng/ul	100
30) 4-Chloroaniline	10.77	127	237769	38.24	ng/ul	99
31) Hexachlorobutadiene	10.95	225	139740	43.34	ng/ul	99
32) Caprolactam	11.53	113	70509m	34.53	ng/ul	
33) 4-Chloro-3-methylphenol	11.90	107	229837	34.54	ng/ul	100
34) 2-Methylnaphthalene	12.27	142	487640	35.52	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	261040	42.11 ng/ul	100
37) Hexachlorocyclopentadiene	12.62	237	168599	48.06 ng/ul	95
38) 2,4,6-Trichlorophenol	12.89	196	174094	41.25 ng/ul	99
39) 2,4,5-Trichlorophenol	12.96	196	188554	40.78 ng/ul	96
40) 1,1'-Biphenyl	13.29	154	636323	39.65 ng/ul	99
41) 2-Chloronaphthalene	13.33	162	487054	39.45 ng/ul	100
42) 2-Nitroaniline	13.53	65	154567	39.89 ng/ul	99
44) Dimethylphthalate	13.92	163	601236	36.64 ng/ul	100
45) 2,6-Dinitrotoluene	14.03	165	129421	40.31 ng/ul	99
47) Acenaphthylene	14.18	152	784218	39.11 ng/ul	100
48) 3-Nitroaniline	14.36	138	123497	37.51 ng/ul	98
49) Acenaphthene	14.52	153	514882	37.84 ng/ul	99
50) 2,4-Dinitrophenol	14.56	184	73517	39.30 ng/ul	96
52) 4-Nitrophenol	14.67	109	123092	41.21 ng/ul	96
53) Dibenzofuran	14.86	168	730187	36.93 ng/ul	98
54) 2,4-Dinitrotoluene	14.82	165	188224	39.13 ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.08	232	162985	37.86 ng/ul	96
56) Diethylphthalate	15.28	149	618104	35.73 ng/ul	99
58) Fluorene	15.50	166	579744	35.82 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.50	204	287764	36.64 ng/ul	99
60) 4-Nitroaniline	15.52	138	146544	37.35 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.58	198	111696	42.66 ng/ul#	96
64) N-Nitrosodiphenylamine	15.71	169	521060	40.22 ng/ul	99
65) 4-Bromophenyl-phenylether	16.39	248	192003	41.34 ng/ul	98
66) Hexachlorobenzene	16.50	284	216800	40.22 ng/ul	98
67) Atrazine	16.66	200	203461	44.13 ng/ul	99
68) Pentachlorophenol	16.84	266	137722	40.43 ng/ul	99
69) Phenanthrene	17.24	178	956156	37.44 ng/ul	99
71) Anthracene	17.33	178	971373	38.36 ng/ul	100
72) Carbazole	17.60	167	881236	38.91 ng/ul	100
73) Di-n-butylphthalate	18.16	149	1046226	37.26 ng/ul	100
74) Fluoranthene	19.25	202	1132791	38.60 ng/ul	99
77) Pyrene	19.62	202	1162106	40.42 ng/ul	98
78) Butylbenzylphthalate	20.52	149	503616	41.32 ng/ul	99
79) 3,3'-Dichlorobenzidine	21.29	252	392609	39.16 ng/ul	100
80) Benzo(a)anthracene	21.36	228	1180826	38.02 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.29	149	691464	38.57 ng/ul	99
82) Chrysene	21.41	228	1124862	38.25 ng/ul	100
84) Di-n-octyl phthalate	22.18	149	1277174	42.64 ng/ul	100
85) Benzo(b)fluoranthene	22.97	252	1246758	39.37 ng/ul	100
86) Benzo(k)fluoranthene	23.01	252	1199313	38.64 ng/ul	100
88) Benzo(a)pyrene	23.56	252	1218607	38.64 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.96	276	1449354	35.45 ng/ul	99
90) Dibenzo(a,h)anthracene	25.97	278	1208707	35.61 ng/ul	98
91) Benzo(g,h,i)perylene	26.67	276	1227113	34.82 ng/ul	99

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

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