Quantitation Report (Not Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM072616\
Data File : BM006651.D
Acq On : 26 Jul 2016 14:58
Operator : UM/SJ
Sample : SSTD16039
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD16039

Quant Time: Jul 26 15:32:12 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072616.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 26 13:35:33 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	137724	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	594800	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	330256	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	740736	20.00	ng/ul	0.00
75) Chrysene-d12	21.23	240	719239	20.00	ng/ul	0.01
83) Perylene-d12	23.44	264	852770	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	202868	62.02	ng/uL	0.00
5) Phenol-d5	6.81	99	1862292	165.00	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.96	67	1127508	164.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	1458626	159.51	ng/ul	0.01
13) 4-Methylphenol-d8	8.35	113	1450222	161.71	ng/ul	0.02
19) Nitrobenzene-d5	8.78	128	727449	161.38	ng/ul	0.01
22) 2-Nitrophenol-d4	9.49	143	808557	158.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	1353725	140.78	ng/ul	0.01
29) 4-Chloroaniline-d4	10.55	131	1425266	141.79	ng/ul	0.01
43) Dimethylphthalate-d6	13.69	166	3699378	136.86	ng/ul	0.01
46) Acenaphthylene-d8	13.96	160	4615713	138.13	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	722566	153.89	ng/ul	0.02
57) Fluorene-d10	15.27	176	3025657	125.92	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.43	200	696897	162.64	ng/ul	0.02
70) Anthracene-d10	17.13	188	4558317	130.19	ng/ul	0.01
76) Pyrene-d10	19.43	212	4814534	147.64	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.31	264	5321407	136.46	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	204977	58.48	ng/uL#	28
4) Benzaldehyde	6.76	77	1152830	169.10	ng/ul	98
6) Phenol	6.84	94	1915615	161.02	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.05	93	1456230	166.07	ng/ul	99
10) 2-Chlorophenol	7.19	128	1479348	157.50	ng/ul	98
11) 2-Methylphenol	8.07	108	1462256	165.03	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.15	45	2131836	149.57	ng/ul	99
14) Acetophenone	8.45	105	2066543	146.32	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.45	70	1100609	147.68	ng/ul	99
16) 4-Methylphenol	8.41	108	1496007	156.19	ng/ul	99
17) Hexachloroethane	8.68	117	613654	153.56	ng/ul	95
20) Nitrobenzene	8.82	77	1788016	148.93	ng/ul	98
21) Isophorone	9.35	82	3224608	150.45	ng/ul	100
23) 2-Nitrophenol	9.53	139	855331	152.63	ng/ul	96
24) 2,4-Dimethylphenol	9.60	107	1682209	138.80	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.82	93	1968344	153.54	ng/ul	99
27) 2,4-Dichlorophenol	10.06	162	1331733	137.22	ng/ul	99
28) Naphthalene	10.45	128	4253064	140.88	ng/ul	99
30) 4-Chloroaniline	10.57	127	1433675	136.82	ng/ul	97
31) Hexachlorobutadiene	10.72	225	834185	125.89	ng/ul	99
32) Caprolactam	11.37	113	286911	93.08	ng/ul	91
33) 4-Chloro-3-methylphenol	11.72	107	1547350	142.34	ng/ul	98
34) 2-Methylnaphthalene	12.07	142	3027842	133.09	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.45	216	1528976	131.98	ng/ul	99
37) Hexachlorocyclopentadiene	12.42	237	896097	146.88	ng/ul	99
38) 2,4,6-Trichlorophenol	12.70	196	1075171	142.95	ng/ul	98
39) 2,4,5-Trichlorophenol	12.78	196	1124679	145.15	ng/ul	98
40) 1,1'-Biphenyl	13.10	154	3685976	135.33	ng/ul	99
41) 2-Chloronaphthalene	13.14	162	2947734	138.36	ng/ul	100
42) 2-Nitroaniline	13.36	65	1157849	158.89	ng/ul	94
44) Dimethylphthalate	13.74	163	3643573	132.87	ng/ul	99
45) 2,6-Dinitrotoluene	13.87	165	850056	156.01	ng/ul	99
47) Acenaphthylene	14.00	152	4681185	134.51	ng/ul	99
48) 3-Nitroaniline	14.20	138	724126	141.08	ng/ul	97
49) Acenaphthene	14.34	153	2986537	133.37	ng/ul	98
50) 2,4-Dinitrophenol	14.42	184	552926	178.60	ng/ul	95
52) 4-Nitrophenol	14.54	109	665561	125.23	ng/ul	96
53) Dibenzofuran	14.68	168	3910952	119.97	ng/ul	97
54) 2,4-Dinitrotoluene	14.67	165	1062383	130.45	ng/ul#	79
55) 2,3,4,6-Tetrachlorophenol	14.92	232	949834	135.28	ng/ul	98
56) Diethylphthalate	15.11	149	3745856	129.47	ng/ul	99
58) Fluorene	15.33	166	2875581	110.28	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.32	204	1396197	105.29	ng/ul	96
60) 4-Nitroaniline	15.38	138	965359	158.59	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.44	198	727949	159.55	ng/ul	98
64) N-Nitrosodiphenylamine	15.54	169	2953345	135.70	ng/ul	100
65) 4-Bromophenyl-phenylether	16.22	248	1082834	131.21	ng/ul	97
66) Hexachlorobenzene	16.33	284	1179080	128.12	ng/ul	97
67) Atrazine	16.51	200	1142179	142.03	ng/ul	98
68) Pentachlorophenol	16.69	266	697548	157.64	ng/ul	98
69) Phenanthrene	17.07	178	5313104	130.45	ng/ul	99
71) Anthracene	17.16	178	5264411	125.66	ng/ul	99
72) Carbazole	17.44	167	5039550	142.26	ng/ul	99
73) Di-n-butylphthalate	17.99	149	6300023	130.05	ng/ul	98
74) Fluoranthene	19.09	202	6082138	128.50	ng/ul	99
77) Pyrene	19.46	202	6008922	139.92	ng/ul	98
78) Butylbenzylphthalate	20.36	149	3002637	159.02	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.16	252	1558982	111.26	ng/ul	100
80) Benzo(a)anthracene	21.22	228	5851086	133.29	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.14	149	3502306	133.59	ng/ul	100
82) Chrysene	21.27	228	5205368	125.94	ng/ul	97
84) Di-n-octyl phthalate	22.01	149	7175368	144.36	ng/ul	99
85) Benzo(b)fluoranthene	22.79	252	6878849	134.97	ng/ul	99
86) Benzo(k)fluoranthene	22.83	252	5593299	116.67	ng/ul	99
88) Benzo(a)pyrene	23.36	252	6189232	126.78	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.67	276	7279879	128.16	ng/ul	99
90) Dibenzo(a,h)anthracene	25.69	278	5711920	121.00	ng/ul	99
91) Benzo(g,h,i)perylene	26.36	276	6936094	138.17	ng/ul	98

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

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