Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG063017\
Data File : BG027772.D
Acq On : 1 Jul 2017 3:06
Operator : SJ/JU
Sample : I3956-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-2093-COMPMSD

Quant Time: Jul 01 05:48:20 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG062817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 19:26:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.48	152	31582	20.00	ng		0.00
21) Naphthalene-d8	11.29	136	169472	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	116330	20.00	ng		0.00
63) Phenanthrene-d10	17.82	188	285274	20.00	ng		0.00
75) Chrysene-d12	22.18	240	293145	20.00	ng		0.00
86) Perylene-d12	25.80	264	281142	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.06	112	286169	139.53	ng		0.00
7) Phenol-d6	7.62	99	431920	137.86	ng		0.00
23) Nitrobenzene-d5	9.64	82	260482	85.67	ng		0.00
41) 2,4,6-Tribromophenol	16.56	330	241795	151.54	ng		0.00
44) 2-Fluorobiphenyl	13.69	172	656275	80.57	ng		0.00
78) Terphenyl-d14	20.40	244	1054973	84.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.04	88	20883	27.35	ng		93
3) Pyridine	4.43	79	67187	28.58	ng		91
4) n-Nitrosodimethylamine	4.34	42	40956	35.52	ng	#	74
6) Aniline	7.80	93	126133	34.73	ng		96
8) 2-Chlorophenol	8.05	128	108042	47.14	ng		91
9) Benzaldehyde	7.62	77	47227	25.33	ng		85
10) Phenol	7.65	94	151896	49.00	ng		85
11) bis(2-Chloroethyl)ether	7.89	93	92589	39.32	ng		96
12) 1,3-Dichlorobenzene	8.37	146	98629	40.46	ng	#	92
13) 1,4-Dichlorobenzene	8.52	146	101300	40.10	ng		96
14) 1,2-Dichlorobenzene	8.84	146	99506	40.63	ng		92
15) Benzyl Alcohol	8.70	79	96372	44.46	ng	#	85
16) 2,2'-oxybis(1-Chloropropan	8.99	45	208068	41.43	ng		97
17) 2-Methylphenol	8.90	107	100679	45.91	ng	#	87
18) Hexachloroethane	9.57	117	35635	40.11	ng	#	81
19) n-Nitroso-di-n-propylamine	9.27	70	91983	40.35	ng		96
20) 3+4-Methylphenols	9.22	107	142379	45.02	ng		86
22) Acetophenone	9.30	105	165419	40.45	ng	#	89
24) Nitrobenzene	9.69	77	126832	39.90	ng	#	86
25) Isophorone	10.20	82	265767	40.10	ng	#	94
26) 2-Nitrophenol	10.40	139	63209	44.02	ng	#	82
27) 2,4-Dimethylphenol	10.44	122	122721	45.64	ng		94
28) bis(2-Chloroethoxy)methane	10.67	93	147091	39.15	ng		97
29) 2,4-Dichlorophenol	10.93	162	113093	47.99	ng		98
30) 1,2,4-Trichlorobenzene	11.15	180	101600	42.27	ng		96
31) Naphthalene	11.35	128	362885	40.26	ng		98
32) Benzoic acid	10.54	122	19819	18.69	ng	#	80
33) 4-Chloroaniline	11.45	127	56204	14.44	ng	#	89
34) Hexachlorobutadiene	11.62	225	57225	42.73	ng		96
35) Caprolactam	12.22	113	49907m	42.10	ng		
36) 4-Chloro-3-methylphenol	12.53	107	155343	46.84	ng		92
37) 2-Methylnaphthalene	12.92	142	281803	41.98	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.27	216	128977	42.19	ng		98
40) Hexachlorocyclopentadiene	13.25	237	155625	107.98	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.51	196	100161	45.37	ng		94
43) 2,4,5-Trichlorophenol	13.58	196	114057	45.59	ng	#	93
45) 1,1'-Biphenyl	13.90	154	383445	41.12	ng		98
46) 2-Chloronaphthalene	13.96	162	287620	40.83	ng		98
47) 2-Nitroaniline	14.15	65	122779	43.55	ng	#	88
48) Acenaphthylene	14.80	152	504816	39.22	ng		97
49) Dimethylphthalate	14.51	163	526270	53.03	ng		96
50) 2,6-Dinitrotoluene	14.63	165	93439	43.31	ng		83
51) Acenaphthene	15.13	154	314741	38.15	ng		96
52) 3-Nitroaniline	14.97	138	67329	26.53	ng	#	81
53) 2,4-Dinitrophenol	15.17	184	91419	77.52	ng		93
54) Dibenzofuran	15.46	168	473999	43.45	ng		98
55) 4-Nitrophenol	15.26	139	169247	87.36	ng	#	61
56) 2,4-Dinitrotoluene	15.42	165	135131	44.91	ng	#	88
57) Fluorene	16.11	166	420827	39.79	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.68	232	106128m	49.21	ng		
59) Diethylphthalate	15.86	149	468752	42.66	ng		95
60) 4-Chlorophenyl-phenylether	16.09	204	197415	42.17	ng		94
61) 4-Nitroaniline	16.14	138	111648	42.23	ng	#	65
62) Azobenzene	16.38	77	421364	43.64	ng		94
64) 4,6-Dinitro-2-methylphenol	16.18	198	75383	43.06	ng		86
65) n-Nitrosodiphenylamine	16.31	169	384061	41.39	ng		99
66) 4-Bromophenyl-phenylether	16.99	248	132805	44.51	ng		94
67) Hexachlorobenzene	17.12	284	136443	43.18	ng		97
68) Atrazine	17.25	200	132616	45.26	ng		97
69) Pentachlorophenol	17.46	266	166658	82.41	ng		99
70) Phenanthrene	17.86	178	669054	40.63	ng		94
71) Anthracene	17.95	178	671212	40.36	ng		97
72) Carbazole	18.22	167	610923	37.30	ng		97
73) Di-n-butylphthalate	18.74	149	765662	42.54	ng	#	93
74) Fluoranthene	19.85	202	728310	40.46	ng		92
76) Benzidine	20.02	184	213215	31.72	ng		98
77) Pyrene	20.21	202	746039	40.55	ng		96
79) Butylbenzylphthalate	21.09	149	352515	42.55	ng	#	88
80) Benzo(a)anthracene	22.16	228	716414	40.42	ng		95
81) 3,3'-Dichlorobenzidine	22.06	252	154439	24.01	ng		98
82) Chrysene	22.23	228	658679	39.65	ng		96
83) Bis(2-ethylhexyl)phthalate	22.01	149	507358	41.90	ng	#	97
84) Di-n-octyl phthalate	23.36	149	858131	42.90	ng	#	91
85) Indeno(1,2,3-cd)pyrene	29.96	276	823309	43.36	ng	#	95
87) Benzo(b)fluoranthene	24.64	252	723007	39.92	ng	#	96
88) Benzo(k)fluoranthene	24.72	252	697017	38.93	ng	#	93
89) Benzo(a)pyrene	25.62	252	688427	40.51	ng	#	93
90) Dibenzo(a,h)anthracene	30.03	278	703751	40.87	ng	#	95
91) Benzo(g,h,i)perylene	31.27	276	662581	40.04	ng	#	90

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

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