Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033731.D
Acq On : 11 Apr 2018 3:46
Operator : SJ/JU
Sample : J2156-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-040918MS

Manual Integrations APPROVED
Sohil
4/11/2018 5:18:37 PM

Quant Time: Apr 11 07:05:30 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 10 16:51:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	33340	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	135921	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	103221	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	283176	20.00	ng		0.00
75) Chrysene-d12	22.55	240	299899	20.00	ng		0.00
86) Perylene-d12	26.31	264	320275	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.28	112	299571	168.49	ng		0.00
7) Phenol-d6	7.97	99	420275	137.57	ng		0.00
23) Nitrobenzene-d5	10.06	82	316055	106.83	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	236198	153.00	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	723227	101.15	ng		0.00
78) Terphenyl-d14	20.73	244	1477282	105.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.93	88	36235	40.130	ng		94
3) Pyridine	4.39	79	91595	36.696	ng		97
4) n-Nitrosodimethylamine	4.29	42	49245	48.075	ng	#	82
6) Aniline	8.16	93	32682	9.097	ng	#	87
8) 2-Chlorophenol	8.41	128	96595	47.521	ng		97
9) Benzaldehyde	7.96	77	45897	23.640	ng		91
10) Phenol	7.99	94	125799	41.707	ng		87
11) bis(2-Chloroethyl)ether	8.24	93	96917	39.366	ng		98
12) 1,3-Dichlorobenzene	8.89	146	109923	41.364	ng		95
13) 1,4-Dichlorobenzene	8.89	146	109923	41.302	ng		95
14) 1,2-Dichlorobenzene	9.22	146	107796	41.499	ng		95
15) Benzyl Alcohol	9.09	79	103138	42.879	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.37	45	187076	46.612	ng		89
17) 2-Methylphenol	9.63	107	121758	59.257	ng		90
18) Hexachloroethane	9.97	117	44984	43.793	ng		90
19) n-Nitroso-di-n-propylamine	9.66	70	94977	42.427	ng		99
20) 3+4-Methylphenols	9.63	107	121758	41.619	ng		86
22) Acetophenone	9.70	105	164463	44.166	ng	#	96
24) Nitrobenzene	10.10	77	140022	44.219	ng		93
25) Isophorone	10.61	82	244466	42.576	ng		99
26) 2-Nitrophenol	10.83	139	58019	48.396	ng	#	83
27) 2,4-Dimethylphenol	10.86	122	87043	49.980	ng		92
28) bis(2-Chloroethoxy)methane	11.10	93	123986	43.278	ng		96
29) 2,4-Dichlorophenol	11.37	162	106176	49.574	ng		99
30) 1,2,4-Trichlorobenzene	11.59	180	114467	41.135	ng		92
31) Naphthalene	11.79	128	346227	49.156	ng		99
32) Benzoic acid	10.99	122	47542	29.366	ng	#	81
33) 4-Chloroaniline	11.91	127	8483m	2.688	ng		
34) Hexachlorobutadiene	12.05	225	89620	42.588	ng		94
35) Caprolactam	12.62	113	31907	38.026	ng		95
36) 4-Chloro-3-methylphenol	12.95	107	136506	48.867	ng		94
37) 2-Methylnaphthalene	13.34	142	216424	39.588	ng		89
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	145472	38.907	ng		99
40) Hexachlorocyclopentadiene	13.66	237	172296	78.607	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.92	196	98478	45.333	ng		98
43) 2,4,5-Trichlorophenol	14.00	196	114233	44.489	ng		98
45) 1,1'-Biphenyl	14.32	154	335005	42.244	ng		94
46) 2-Chloronaphthalene	14.37	162	259894	42.504	ng		96
47) 2-Nitroaniline	14.56	65	104721	45.725	ng		87
48) Acenaphthylene	15.20	152	417714	40.926	ng		98
49) Dimethylphthalate	14.90	163	385714	42.938	ng		99
50) 2,6-Dinitrotoluene	15.03	165	84417	45.959	ng		99
51) Acenaphthene	15.54	154	321101	48.803	ng		96
52) 3-Nitroaniline	15.38	138	11193	5.812	ng	#	88
53) 2,4-Dinitrophenol	15.57	184	93696	96.736	ng	#	77
54) Dibenzofuran	15.87	168	430744	44.321	ng		92
55) 4-Nitrophenol	15.66	139	123561	91.250	ng	#	81
56) 2,4-Dinitrotoluene	15.81	165	126746	46.865	ng	#	95
57) Fluorene	16.51	166	340127	41.080	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.08	232	112060	46.358	ng		98
59) Diethylphthalate	16.24	149	398123	45.642	ng		99
60) 4-Chlorophenyl-phenylether	16.48	204	206743	43.438	ng		100
61) 4-Nitroaniline	16.53	138	44155	22.643	ng		89
62) Azobenzene	16.78	77	388932	46.029	ng		97
64) 4,6-Dinitro-2-methylphenol	16.57	198	78852	46.547	ng		98
65) n-Nitrosodiphenylamine	16.70	169	326469	40.383	ng		97
66) 4-Bromophenyl-phenylether	17.38	248	141358	42.505	ng		97
67) Hexachlorobenzene	17.51	284	144767	41.247	ng		95
68) Atrazine	17.61	200	95574	29.175	ng		97
69) Pentachlorophenol	17.84	266	189289	78.578	ng		99
70) Phenanthrene	18.25	178	602507	40.854	ng		97
71) Anthracene	18.34	178	610435	40.880	ng		99
72) Carbazole	18.60	167	579321	43.781	ng		96
73) Di-n-butylphthalate	19.09	149	705140	45.783	ng	#	99
74) Fluoranthene	20.20	202	794330	43.524	ng		98
76) Benzidine	20.42	184	20362m	2.504	ng		
77) Pyrene	20.56	202	819884	40.991	ng		99
79) Butylbenzylphthalate	21.41	149	333925	45.241	ng		96
80) Benzo(a)anthracene	22.53	228	769214	40.281	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	31503	4.636	ng	#	94
82) Chrysene	22.61	228	758441	41.029	ng		98
83) Bis(2-ethylhexyl)phthalate	22.35	149	458736	45.086	ng		98
84) Di-n-octyl phthalate	23.74	149	780326	50.089	ng		100
85) Indeno(1,2,3-cd)pyrene	30.69	276	868947	43.478	ng	#	78
87) Benzo(b)fluoranthene	25.10	252	727452	39.314	ng	#	96
88) Benzo(k)fluoranthene	25.18	252	767582	41.015	ng		98
89) Benzo(a)pyrene	26.14	252	736525	41.448	ng	#	98
90) Dibenzo(a,h)anthracene	30.77	278	743939	44.445	ng		98
91) Benzo(g,h,i)perylene	32.07	276	706013	42.595	ng		97

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

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