Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
Data File : BG033732.D
Acq On : 11 Apr 2018 4:24
Operator : SJ/JU
Sample : J2156-02MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HD-01-040918MSD

Manual Integrations APPROVED
Sohil
4/11/2018 5:18:40 PM

Quant Time: Apr 11 07:07:17 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	35572	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	147354	20.00	ng		0.00
38) Acenaphthene-d10	15.47	164	111148	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	306813	20.00	ng		0.00
75) Chrysene-d12	22.55	240	331423	20.00	ng		0.00
86) Perylene-d12	26.31	264	354551	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	302000	159.19	ng		0.00
7) Phenol-d6	7.97	99	424109	130.11	ng		0.00
23) Nitrobenzene-d5	10.06	82	332139	103.56	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	247039	148.61	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	762238	99.00	ng		0.00
78) Terphenyl-d14	20.73	244	1548432	99.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.93	88	37601	39.030	ng	#	89
3) Pyridine	4.39	79	81140	30.468	ng		97
4) n-Nitrosodimethylamine	4.29	42	47799	43.735	ng	#	82
6) Aniline	8.16	93	56257	14.676	ng		97
8) 2-Chlorophenol	8.41	128	105733	48.753	ng		98
9) Benzaldehyde	7.96	77	58231	28.111	ng		93
10) Phenol	8.00	94	135235	42.022	ng		92
11) bis(2-Chloroethyl)ether	8.24	93	109600	41.724	ng		98
12) 1,3-Dichlorobenzene	8.74	146	119288m	42.071	ng		
13) 1,4-Dichlorobenzene	8.89	146	118051	41.573	ng		99
14) 1,2-Dichlorobenzene	9.22	146	121990	44.017	ng		96
15) Benzyl Alcohol	9.09	79	115427	44.977	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.38	45	201558	47.069	ng		90
17) 2-Methylphenol	9.29	107	91336	41.662	ng		94
18) Hexachloroethane	9.98	117	48823	44.548	ng		97
19) n-Nitroso-di-n-propylamine	9.66	70	103882	43.493	ng		98
20) 3+4-Methylphenols	9.63	107	125618	40.244	ng		89
22) Acetophenone	9.70	105	182215	45.136	ng	#	96
24) Nitrobenzene	10.10	77	154493	45.003	ng		89
25) Isophorone	10.62	82	269303	43.263	ng		97
26) 2-Nitrophenol	10.83	139	63380	48.766	ng	#	90
27) 2,4-Dimethylphenol	10.86	122	95603	50.635	ng		95
28) bis(2-Chloroethoxy)methane	11.10	93	140907	45.368	ng		95
29) 2,4-Dichlorophenol	11.37	162	115828	49.884	ng		95
30) 1,2,4-Trichlorobenzene	11.59	180	130799	43.357	ng		96
31) Naphthalene	11.79	128	385361	50.467	ng		97
32) Benzoic acid	11.00	122	52623	29.982	ng	#	85
33) 4-Chloroaniline	11.90	127	15018	4.390	ng		95
34) Hexachlorobutadiene	12.05	225	97719	42.834	ng		96
35) Caprolactam	12.63	113	33279	36.584	ng	#	89
36) 4-Chloro-3-methylphenol	12.95	107	149278	49.292	ng		95
37) 2-Methylnaphthalene	13.34	142	245443	41.413	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.69	216	163130	40.518	ng		99
40) Hexachlorocyclopentadiene	13.67	237	196264	83.156	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.92	196	110959	47.435	ng		96
43) 2,4,5-Trichlorophenol	14.00	196	127294	46.040	ng		96
45) 1,1'-Biphenyl	14.32	154	365897	42.849	ng		97
46) 2-Chloronaphthalene	14.37	162	292941	44.492	ng		96
47) 2-Nitroaniline	14.56	65	123292	49.994	ng		95
48) Acenaphthylene	15.20	152	468724	42.649	ng		99
49) Dimethylphthalate	14.90	163	430134	44.468	ng		100
50) 2,6-Dinitrotoluene	15.03	165	96160	48.619	ng		99
51) Acenaphthene	15.54	154	361886	51.079	ng		99
52) 3-Nitroaniline	15.37	138	22456	10.830	ng	#	96
53) 2,4-Dinitrophenol	15.57	184	110729	105.423	ng	#	70
54) Dibenzofuran	15.87	168	478004	45.676	ng		95
55) 4-Nitrophenol	15.66	139	136646	93.717	ng		83
56) 2,4-Dinitrotoluene	15.82	165	138800	47.662	ng		91
57) Fluorene	16.51	166	377144	42.302	ng		100
58) 2,3,4,6-Tetrachlorophenol	16.08	232	122813	47.183	ng		98
59) Diethylphthalate	16.24	149	439302	46.771	ng		99
60) 4-Chlorophenyl-phenylether	16.48	204	234511	45.758	ng		100
61) 4-Nitroaniline	16.53	138	70412	33.532	ng		89
62) Azobenzene	16.78	77	438192	48.161	ng		98
64) 4,6-Dinitro-2-methylphenol	16.57	198	89825	48.939	ng		97
65) n-Nitrosodiphenylamine	16.70	169	375236	42.840	ng		99
66) 4-Bromophenyl-phenylether	17.38	248	157273	43.648	ng		95
67) Hexachlorobenzene	17.51	284	162457	42.721	ng		97
68) Atrazine	17.61	200	151353	42.642	ng		96
69) Pentachlorophenol	17.84	266	211402	80.996	ng		99
70) Phenanthrene	18.25	178	673701	42.162	ng		98
71) Anthracene	18.34	178	680882	42.084	ng		98
72) Carbazole	18.59	167	688065	47.993	ng	#	96
73) Di-n-butylphthalate	19.09	149	792956	47.518	ng	#	99
74) Fluoranthene	20.20	202	874042	44.203	ng		97
76) Benzidine	20.41	184	52832m	5.878	ng		
77) Pyrene	20.56	202	903227	40.863	ng		99
79) Butylbenzylphthalate	21.41	149	367735	45.083	ng		95
80) Benzo(a)anthracene	22.53	228	877839	41.597	ng		100
81) 3,3'-Dichlorobenzidine	22.42	252	116477	15.510	ng	#	96
82) Chrysene	22.61	228	838589	41.050	ng		98
83) Bis(2-ethylhexyl)phthalate	22.35	149	514154	45.726	ng		98
84) Di-n-octyl phthalate	23.74	149	872700	50.690	ng		99
85) Indeno(1,2,3-cd)pyrene	30.69	276	984356	44.568	ng	#	87
87) Benzo(b)fluoranthene	25.10	252	835070	40.767	ng	#	97
88) Benzo(k)fluoranthene	25.18	252	870930m	42.039	ng		
89) Benzo(a)pyrene	26.13	252	829318	42.158	ng	#	98
90) Dibenzo(a,h)anthracene	30.76	278	835757	45.103	ng		97
91) Benzo(g,h,i)perylene	32.06	276	805961	43.924	ng		95

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

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