Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
Data File : BG033411.D
Acq On : 29 Mar 2018 8:13
Operator : SJ/JU
Sample : J1749-06MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BU-03-032618MSD

Manual Integrations APPROVED
Sohil
3/29/2018 5:39:20 PM

Quant Time: Mar 29 11:53:51 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 28 18:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	43001	20.00	ng		-0.02
21) Naphthalene-d8	11.75	136	173626	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	130923	20.00	ng		0.00
63) Phenanthrene-d10	18.22	188	330634	20.00	ng		0.00
75) Chrysene-d12	22.56	240	338013	20.00	ng		0.00
86) Perylene-d12	26.34	264	370923	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.30	112	359893	156.94	ng		0.00
7) Phenol-d6	7.99	99	525707	133.42	ng		0.00
23) Nitrobenzene-d5	10.07	82	377274	99.83	ng		0.00
41) 2,4,6-Tribromophenol	16.97	330	298963	152.68	ng		0.00
44) 2-Fluorobiphenyl	14.12	172	912533	100.62	ng		0.00
78) Terphenyl-d14	20.74	244	1624441	102.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.94	88	41576	35.700	ng	#	88
3) Pyridine	4.40	79	112049	34.805	ng		95
4) n-Nitrosodimethylamine	4.30	42	68511	51.857	ng	#	76
6) Aniline	8.16	93	47174	10.181	ng	#	96
8) 2-Chlorophenol	8.42	128	136739	52.157	ng		96
9) Benzaldehyde	7.96	77	77660m	31.014	ng		
10) Phenol	8.02	94	173089	44.493	ng		92
11) bis(2-Chloroethyl)ether	8.25	93	134423	42.333	ng		99
12) 1,3-Dichlorobenzene	8.75	146	144964	42.294	ng		98
13) 1,4-Dichlorobenzene	8.90	146	146530	42.687	ng		92
14) 1,2-Dichlorobenzene	9.23	146	141999	42.385	ng		92
15) Benzyl Alcohol	9.10	79	150435	48.492	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.39	45	219896	42.480	ng		89
17) 2-Methylphenol	9.31	107	131698	49.694	ng	#	93
18) Hexachloroethane	9.99	117	59187	44.675	ng		96
19) n-Nitroso-di-n-propylamine	9.67	70	125792	43.568	ng		98
20) 3+4-Methylphenols	9.64	107	172549	45.729	ng		88
22) Acetophenone	9.71	105	221664	46.600	ng	#	99
24) Nitrobenzene	10.11	77	188808	46.677	ng		90
25) Isophorone	10.63	82	354999	48.400	ng		99
26) 2-Nitrophenol	10.84	139	79599	51.978	ng	#	89
27) 2,4-Dimethylphenol	10.87	122	138726	62.357	ng		90
28) bis(2-Chloroethoxy)methane	11.11	93	190044	51.930	ng		98
29) 2,4-Dichlorophenol	11.39	162	159263	58.212	ng		97
30) 1,2,4-Trichlorobenzene	11.60	180	160847	45.250	ng		98
31) Naphthalene	11.80	128	428779	47.656	ng		99
32) Benzoic acid	10.99	122	4819m	2.330	ng		
33) 4-Chloroaniline	11.91	127	27834	6.905	ng	#	92
34) Hexachlorobutadiene	12.06	225	119785	44.561	ng		96
35) Caprolactam	12.66	113	43806	40.870	ng		93
36) 4-Chloro-3-methylphenol	12.97	107	195673	54.836	ng		94
37) 2-Methylnaphthalene	13.35	142	328140	46.988	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	220233	46.439	ng		99
40) Hexachlorocyclopentadiene	13.68	237	212693	76.506	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.94	196	149372	54.212	ng		100
43) 2,4,5-Trichlorophenol	14.02	196	168110	51.618	ng		99
45) 1,1'-Biphenyl	14.33	154	468140	46.542	ng		96
46) 2-Chloronaphthalene	14.38	162	358148	46.179	ng		97
47) 2-Nitroaniline	14.57	65	145476	50.079	ng		97
48) Acenaphthylene	15.21	152	587069	45.349	ng		99
49) Dimethylphthalate	14.91	163	534165	46.882	ng		100
50) 2,6-Dinitrotoluene	15.04	165	118586	50.901	ng		99
51) Acenaphthene	15.55	154	362896	43.485	ng		97
52) 3-Nitroaniline	15.39	138	38279	15.672	ng	#	95
53) 2,4-Dinitrophenol	15.59	184	14251	18.327	ng		87
54) Dibenzofuran	15.88	168	595340	48.296	ng		92
55) 4-Nitrophenol	15.68	139	142806	83.148	ng	#	87
56) 2,4-Dinitrotoluene	15.82	165	170343	49.659	ng		93
57) Fluorene	16.52	166	498767	47.494	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.10	232	160560	52.368	ng		92
59) Diethylphthalate	16.25	149	532093	48.094	ng		98
60) 4-Chlorophenyl-phenylether	16.50	204	287318	47.594	ng		97
61) 4-Nitroaniline	16.54	138	102017	41.245	ng	#	86
62) Azobenzene	16.79	77	510577	47.640	ng		99
64) 4,6-Dinitro-2-methylphenol	16.58	198	24740	12.508	ng		91
65) n-Nitrosodiphenylamine	16.71	169	461912	48.936	ng		97
66) 4-Bromophenyl-phenylether	17.39	248	193915	49.940	ng		96
67) Hexachlorobenzene	17.52	284	196289	47.899	ng		95
68) Atrazine	17.63	200	192189	50.246	ng		97
69) Pentachlorophenol	17.86	266	127788	45.433	ng		97
70) Phenanthrene	18.26	178	821927	47.733	ng		99
71) Anthracene	18.35	178	859273	49.284	ng		98
72) Carbazole	18.61	167	722312	46.752	ng		97
73) Di-n-butylphthalate	19.10	149	857190	47.666	ng	#	97
74) Fluoranthene	20.21	202	1015411	47.652	ng		97
76) Benzidine	20.37	184	81025	8.839	ng		97
77) Pyrene	20.57	202	1016998	45.113	ng		98
79) Butylbenzylphthalate	21.43	149	395486	47.540	ng		93
80) Benzo(a)anthracene	22.54	228	1043888	48.500	ng		99
81) 3,3'-Dichlorobenzidine	22.43	252	124016	16.192	ng	#	96
82) Chrysene	22.62	228	990079	47.521	ng		98
83) Bis(2-ethylhexyl)phthalate	22.36	149	532196	46.408	ng		99
84) Di-n-octyl phthalate	23.76	149	941163	53.601	ng		98
85) Indeno(1,2,3-cd)pyrene	30.71	276	1149357	51.024	ng	#	86
87) Benzo(b)fluoranthene	25.12	252	1042362	48.640	ng	#	97
88) Benzo(k)fluoranthene	25.20	252	1037524	47.870	ng	#	98
89) Benzo(a)pyrene	26.15	252	1017421	49.438	ng	#	96
90) Dibenzo(a,h)anthracene	30.79	278	954536	49.240	ng	#	96
91) Benzo(g,h,i)perylene	32.09	276	918202	47.833	ng	#	95

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

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