Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
Data File : BG033936.D
Acq On : 24 Apr 2018 1:43
Operator : SJ/JU
Sample : J2152-04MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BU-03-042018MSD

Manual Integrations APPROVED
Sohil
4/24/2018 4:37:38 PM

Quant Time: Apr 24 04:25:33 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	74860	20.00	ng		0.00
21) Naphthalene-d8	10.61	136	354254	20.00	ng		-0.01
38) Acenaphthene-d10	14.46	164	241291	20.00	ng		-0.01
63) Phenanthrene-d10	17.21	188	597255	20.00	ng		-0.01
75) Chrysene-d12	21.47	240	604839	20.00	ng		-0.02
86) Perylene-d12	24.53	264	617199	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	594305	126.75	ng		0.00
7) Phenol-d6	7.00	99	793502	116.03	ng		0.00
23) Nitrobenzene-d5	8.98	82	568986	91.41	ng		0.00
41) 2,4,6-Tribromophenol	15.96	330	381171	135.40	ng		-0.01
44) 2-Fluorobiphenyl	13.09	172	1388536	84.54	ng		-0.01
78) Terphenyl-d14	19.85	244	2098031	77.93	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	71588	36.132	ng		90
3) Pyridine	3.81	79	180742	31.529	ng		93
4) n-Nitrosodimethylamine	3.72	42	113047	43.285	ng	#	88
6) Aniline	7.17	93	181894	19.897	ng		97
8) 2-Chlorophenol	7.40	128	250232	47.628	ng		94
9) Benzaldehyde	6.98	77	123091	32.270	ng		91
10) Phenol	7.03	94	290850	41.514	ng		97
11) bis(2-Chloroethyl)ether	7.26	93	231896	43.276	ng		94
12) 1,3-Dichlorobenzene	7.72	146	252298	41.715	ng		99
13) 1,4-Dichlorobenzene	7.87	146	252342	41.193	ng		97
14) 1,2-Dichlorobenzene	8.18	146	245443	41.201	ng		95
15) Benzyl Alcohol	8.06	79	261256	43.809	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.36	45	409300	39.163	ng		97
17) 2-Methylphenol	8.26	107	226081	43.545	ng		94
18) Hexachloroethane	8.91	117	93335	41.695	ng		99
19) n-Nitroso-di-n-propylamine	8.63	70	228718	39.233	ng		96
20) 3+4-Methylphenols	8.59	107	316195	41.913	ng		94
22) Acetophenone	8.65	105	392939	40.754	ng	#	97
24) Nitrobenzene	9.02	77	306939	45.250	ng		97
25) Isophorone	9.55	82	614302	43.894	ng		95
26) 2-Nitrophenol	9.73	139	139149	51.917	ng		95
27) 2,4-Dimethylphenol	9.79	122	269335	53.725	ng		94
28) bis(2-Chloroethoxy)methane	10.03	93	352559	47.666	ng		95
29) 2,4-Dichlorophenol	10.26	162	282548	50.558	ng		94
30) 1,2,4-Trichlorobenzene	10.47	180	269786	43.101	ng		98
31) Naphthalene	10.66	128	836422	45.914	ng		99
32) Benzoic acid	9.86	122	2428m	5.518	ng		
33) 4-Chloroaniline	10.77	127	49235	5.750	ng		99
34) Hexachlorobutadiene	10.96	225	159693	42.647	ng		97
35) Caprolactam	11.55	113	80392	33.835	ng	#	81
36) 4-Chloro-3-methylphenol	11.90	107	309540	45.381	ng	#	90
37) 2-Methylnaphthalene	12.28	142	602288	43.183	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.65	216	343569	42.880	ng		98
40) Hexachlorocyclopentadiene	12.63	237	301266	68.384	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.89	196	241744	49.486	ng		99
43) 2,4,5-Trichlorophenol	12.96	196	263074	46.842	ng		98
45) 1,1'-Biphenyl	13.29	154	815587	41.756	ng		97
46) 2-Chloronaphthalene	13.34	162	623367	42.090	ng		99
47) 2-Nitroaniline	13.53	65	218428	47.235	ng		92
48) Acenaphthylene	14.18	152	993023	40.337	ng		98
49) Dimethylphthalate	13.93	163	838655	39.512	ng		99
50) 2,6-Dinitrotoluene	14.04	165	192324	47.814	ng		88
51) Acenaphthene	14.53	154	619032	40.028	ng		98
52) 3-Nitroaniline	14.36	138	59814	13.695	ng	#	94
53) 2,4-Dinitrophenol	14.57	184	11851	8.238	ng	#	62
54) Dibenzofuran	14.86	168	974838	42.518	ng		95
55) 4-Nitrophenol	14.67	139	241909	70.620	ng		90
56) 2,4-Dinitrotoluene	14.83	165	264139	49.382	ng	#	83
57) Fluorene	15.51	166	821726	41.416	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.09	232	239211	46.519	ng		98
59) Diethylphthalate	15.30	149	865947	38.598	ng		97
60) 4-Chlorophenyl-phenylether	15.51	204	438581	42.262	ng		95
61) 4-Nitroaniline	15.53	138	203199	43.817	ng		91
62) Azobenzene	15.81	77	788257	39.415	ng		98
64) 4,6-Dinitro-2-methylphenol	15.59	198	21864	13.064	ng		86
65) n-Nitrosodiphenylamine	15.73	169	711920	41.000	ng		98
66) 4-Bromophenyl-phenylether	16.41	248	279924	42.677	ng		93
67) Hexachlorobenzene	16.52	284	291546	41.679	ng		98
68) Atrazine	16.68	200	297439	43.725	ng		99
69) Pentachlorophenol	16.86	266	168185	35.003	ng	#	55
70) Phenanthrene	17.25	178	1290868	40.289	ng		96
71) Anthracene	17.35	178	1316627	41.091	ng		97
72) Carbazole	17.62	167	1197156	38.728	ng		96
73) Di-n-butylphthalate	18.20	149	1439515	37.433	ng		98
74) Fluoranthene	19.28	202	1539077	39.710	ng		95
76) Benzidine	19.46	184	581530	35.605	ng		98
77) Pyrene	19.64	202	1538447	38.780	ng		94
79) Butylbenzylphthalate	20.56	149	684471	39.288	ng		90
80) Benzo(a)anthracene	21.46	228	1543766	40.476	ng		97
81) 3,3'-Dichlorobenzidine	21.37	252	281435	19.790	ng		99
82) Chrysene	21.52	228	1445347	39.685	ng		96
83) Bis(2-ethylhexyl)phthalate	21.40	149	947702	38.518	ng		99
84) Di-n-octyl phthalate	22.57	149	1625131	41.614	ng		100
85) Indeno(1,2,3-cd)pyrene	27.99	276	1778169	42.891	ng	#	94
87) Benzo(b)fluoranthene	23.56	252	1594074	42.337	ng		99
88) Benzo(k)fluoranthene	23.63	252	1513479	40.466	ng		96
89) Benzo(a)pyrene	24.39	252	1535958	42.594	ng		100
90) Dibenzo(a,h)anthracene	28.06	278	1487103	42.619	ng		96
91) Benzo(g,h,i)perylene	29.07	276	1435827	41.819	ng		98

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

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