Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
Data File : BG033919.D
Acq On : 23 Apr 2018 14:00
Operator : SJ/JU
Sample : J2490-02MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MDP-B-3-18-20MSD

Manual Integrations APPROVED
Sohil
4/24/2018 4:37:27 PM

Quant Time: Apr 24 03:50:22 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	69879	20.00	ng		0.00
21) Naphthalene-d8	10.62	136	318509	20.00	ng		-0.01
38) Acenaphthene-d10	14.46	164	217395	20.00	ng		-0.01
63) Phenanthrene-d10	17.21	188	554644	20.00	ng		-0.01
75) Chrysene-d12	21.47	240	549285	20.00	ng		-0.02
86) Perylene-d12	24.53	264	576270	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	547488	125.09	ng		0.00
7) Phenol-d6	7.00	99	750681	117.59	ng		0.00
23) Nitrobenzene-d5	8.98	82	462947	82.72	ng		0.00
41) 2,4,6-Tribromophenol	15.96	330	344687	135.90	ng		-0.01
44) 2-Fluorobiphenyl	13.09	172	1053175	71.17	ng		-0.01
78) Terphenyl-d14	19.85	244	1691776	69.19	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	56916	30.774	ng		91
3) Pyridine	3.79	79	168475	31.484	ng		99
4) n-Nitrosodimethylamine	3.72	42	91047	37.346	ng	#	90
6) Aniline	7.16	93	190402	22.312	ng		99
8) 2-Chlorophenol	7.40	128	189156	38.569	ng		96
9) Benzaldehyde	6.98	77	101388	27.442	ng		94
10) Phenol	7.03	94	268083	40.991	ng		97
11) bis(2-Chloroethyl)ether	7.26	93	176993	35.385	ng		96
12) 1,3-Dichlorobenzene	7.72	146	192484	34.094	ng		97
13) 1,4-Dichlorobenzene	7.87	146	197075	34.464	ng		97
14) 1,2-Dichlorobenzene	8.18	146	190338	34.228	ng		98
15) Benzyl Alcohol	8.07	79	192941	34.659	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.36	45	312254	32.007	ng		98
17) 2-Methylphenol	8.27	107	172174	35.526	ng		98
18) Hexachloroethane	8.90	117	71715	34.321	ng		96
19) n-Nitroso-di-n-propylamine	8.64	70	167991	30.871	ng		97
20) 3+4-Methylphenols	8.59	107	244241	34.683	ng		93
22) Acetophenone	8.65	105	295292	34.063	ng	#	96
24) Nitrobenzene	9.02	77	229866	37.690	ng		95
25) Isophorone	9.55	82	445543	35.408	ng	#	95
26) 2-Nitrophenol	9.73	139	112108	46.522	ng		98
27) 2,4-Dimethylphenol	9.79	122	192003	42.598	ng		94
28) bis(2-Chloroethoxy)methane	10.03	93	258142	38.817	ng		96
29) 2,4-Dichlorophenol	10.26	162	215045	42.798	ng		93
30) 1,2,4-Trichlorobenzene	10.48	180	199539	35.456	ng		99
31) Naphthalene	10.66	128	580861	35.464	ng		98
32) Benzoic acid	9.85	122	28110m	10.678	ng		
33) 4-Chloroaniline	10.77	127	174287	22.639	ng		98
34) Hexachlorobutadiene	10.96	225	113846	33.816	ng		98
35) Caprolactam	11.54	113	91204m	42.693	ng		
36) 4-Chloro-3-methylphenol	11.90	107	242742	39.582	ng	#	90
37) 2-Methylnaphthalene	12.28	142	448652	35.777	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.65	216	257496	35.670	ng		97
40) Hexachlorocyclopentadiene	12.63	237	272738	68.713	ng		93

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Quant Time: Apr 24 03:50:22 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.89	196	188309	42.784	ng		98
43) 2,4,5-Trichlorophenol	12.95	196	212706	42.037	ng		98
45) 1,1'-Biphenyl	13.29	154	607986	34.549	ng		97
46) 2-Chloronaphthalene	13.34	162	467169	35.011	ng		99
47) 2-Nitroaniline	13.54	65	174833	41.964	ng		92
48) Acenaphthylene	14.18	152	762895	34.395	ng		97
49) Dimethylphthalate	13.93	163	751811	39.314	ng		99
50) 2,6-Dinitrotoluene	14.04	165	152113	41.974	ng		85
51) Acenaphthene	14.53	154	472552	33.915	ng		99
52) 3-Nitroaniline	14.36	138	109238	27.760	ng	#	86
53) 2,4-Dinitrophenol	14.57	184	95660	73.809	ng	#	57
54) Dibenzofuran	14.86	168	756554	36.624	ng		96
55) 4-Nitrophenol	14.68	139	285006	92.346	ng		88
56) 2,4-Dinitrotoluene	14.83	165	218341	45.307	ng	#	83
57) Fluorene	15.52	166	633965	35.465	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.09	232	209988	45.325	ng		99
59) Diethylphthalate	15.30	149	699430	34.603	ng		98
60) 4-Chlorophenyl-phenylether	15.52	204	337049	36.049	ng		97
61) 4-Nitroaniline	15.53	138	169854	40.653	ng		93
62) Azobenzene	15.81	77	624610	34.665	ng		99
64) 4,6-Dinitro-2-methylphenol	15.59	198	101219	39.264	ng		89
65) n-Nitrosodiphenylamine	15.73	169	570965	35.408	ng		99
66) 4-Bromophenyl-phenylether	16.41	248	217784	35.754	ng		94
67) Hexachlorobenzene	16.52	284	224755	34.599	ng		97
68) Atrazine	16.68	200	246326	38.993	ng		97
69) Pentachlorophenol	16.86	266	299169	67.048	ng	#	57
70) Phenanthrene	17.26	178	1027205	34.523	ng		98
71) Anthracene	17.35	178	1060365	35.636	ng		99
72) Carbazole	17.62	167	985232	34.321	ng		96
73) Di-n-butylphthalate	18.20	149	1178530	33.001	ng		99
74) Fluoranthene	19.28	202	1230232	34.180	ng		96
76) Benzidine	19.46	184	421942	28.447	ng		98
77) Pyrene	19.64	202	1224951	34.001	ng		95
79) Butylbenzylphthalate	20.56	149	544504	34.415	ng		90
80) Benzo(a)anthracene	21.46	228	1216407	35.119	ng		98
81) 3,3'-Dichlorobenzidine	21.38	252	335115	25.948	ng		98
82) Chrysene	21.52	228	1146815	34.673	ng		97
83) Bis(2-ethylhexyl)phthalate	21.40	149	771332	34.521	ng		98
84) Di-n-octyl phthalate	22.57	149	1341328	37.821	ng		99
85) Indeno(1,2,3-cd)pyrene	28.00	276	1410998	37.477	ng	#	94
87) Benzo(b)fluoranthene	23.56	252	1255942	35.725	ng		99
88) Benzo(k)fluoranthene	23.63	252	1195605	34.237	ng		98
89) Benzo(a)pyrene	24.39	252	1206272	35.827	ng		99
90) Dibenzo(a,h)anthracene	28.07	278	1171048	35.945	ng		97
91) Benzo(g,h,i)perylene	29.07	276	1170899	36.525	ng		99

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

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