Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
Data File : BG033977.D
Acq On : 25 Apr 2018 6:51
Operator : SJ/JU
Sample : J2504-03MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : KS-RO-238MSD

Manual Integrations APPROVED
Sohil
4/25/2018 4:25:52 PM

Quant Time: Apr 25 12:06:32 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	88103	20.00	ng		0.00
21) Naphthalene-d8	10.61	136	362239	20.00	ng		-0.01
38) Acenaphthene-d10	14.46	164	229496	20.00	ng		-0.01
63) Phenanthrene-d10	17.21	188	563967	20.00	ng		-0.01
75) Chrysene-d12	21.47	240	607346	20.00	ng		-0.02
86) Perylene-d12	24.53	264	639518	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	709597	128.59	ng		0.00
7) Phenol-d6	7.01	99	868259	107.87	ng		0.00
23) Nitrobenzene-d5	8.98	82	634845	99.74	ng		0.00
41) 2,4,6-Tribromophenol	15.96	330	421343	157.37	ng		-0.01
44) 2-Fluorobiphenyl	13.08	172	1455414	93.16	ng		-0.02
78) Terphenyl-d14	19.85	244	2315837	85.66	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	93094	39.923	ng		87
3) Pyridine	3.82	79	212115	31.440	ng		90
4) n-Nitrosodimethylamine	3.73	42	133873	43.554	ng	#	90
6) Aniline	7.17	93	172051	15.991	ng		98
8) 2-Chlorophenol	7.40	128	278885	45.102	ng		95
9) Benzaldehyde	6.98	77	93964	18.867	ng		96
10) Phenol	7.03	94	307997	37.353	ng		99
11) bis(2-Chloroethyl)ether	7.27	93	270032	42.819	ng		91
12) 1,3-Dichlorobenzene	7.72	146	309188	43.437	ng		98
13) 1,4-Dichlorobenzene	7.86	146	308774	42.828	ng		98
14) 1,2-Dichlorobenzene	8.18	146	296779	42.330	ng		96
15) Benzyl Alcohol	8.07	79	272434	38.816	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.36	45	440886	35.844	ng		96
17) 2-Methylphenol	8.27	107	232974	38.128	ng		95
18) Hexachloroethane	8.90	117	113047	42.910	ng		99
19) n-Nitroso-di-n-propylamine	8.63	70	237656	34.639	ng		98
20) 3+4-Methylphenols	8.59	107	321125	36.169	ng		97
22) Acetophenone	8.65	105	426620	43.272	ng	#	96
24) Nitrobenzene	9.02	77	329022	47.436	ng		95
25) Isophorone	9.54	82	612319	42.788	ng	#	94
26) 2-Nitrophenol	9.73	139	155372	56.692	ng		97
27) 2,4-Dimethylphenol	9.79	122	272335	53.126	ng		94
28) bis(2-Chloroethoxy)methane	10.03	93	362593	47.942	ng		96
29) 2,4-Dichlorophenol	10.26	162	292811	51.240	ng		92
30) 1,2,4-Trichlorobenzene	10.47	180	309588	48.370	ng		99
31) Naphthalene	10.66	128	850150	45.639	ng		98
32) Benzoic acid	9.92	122	139065	29.420	ng		95
33) 4-Chloroaniline	10.77	127	55348	6.321	ng		95
34) Hexachlorobutadiene	10.95	225	196820	51.404	ng		96
35) Caprolactam	11.55	113	83670m	34.438	ng		
36) 4-Chloro-3-methylphenol	11.90	107	304318	43.632	ng	#	87
37) 2-Methylnaphthalene	12.28	142	632142	44.324	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.65	216	372072	48.824	ng		98
40) Hexachlorocyclopentadiene	12.63	237	447611	106.824	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	244200	52.558	ng		96
43) 2,4,5-Trichlorophenol	12.96	196	272545	51.023	ng		97
45) 1,1'-Biphenyl	13.29	154	837744	45.094	ng		97
46) 2-Chloronaphthalene	13.33	162	643476	45.681	ng		98
47) 2-Nitroaniline	13.53	65	215357	48.965	ng		88
48) Acenaphthylene	14.18	152	1010598	43.161	ng		98
49) Dimethylphthalate	13.93	163	855677	42.386	ng		98
50) 2,6-Dinitrotoluene	14.04	165	199096	52.041	ng		85
51) Acenaphthene	14.53	154	633451	43.065	ng		97
52) 3-Nitroaniline	14.36	138	79468	19.130	ng	#	86
53) 2,4-Dinitrophenol	14.57	184	96580	70.590	ng	#	57
54) Dibenzofuran	14.86	168	990645	45.428	ng		96
55) 4-Nitrophenol	14.67	139	318580	97.782	ng		86
56) 2,4-Dinitrotoluene	14.83	165	279443	54.929	ng	#	81
57) Fluorene	15.51	166	827704	43.862	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.09	232	269293	55.060	ng		95
59) Diethylphthalate	15.30	149	884812	41.466	ng		98
60) 4-Chlorophenyl-phenylether	15.51	204	453975	45.994	ng		97
61) 4-Nitroaniline	15.54	138	209020	47.389	ng		92
62) Azobenzene	15.80	77	769012	40.429	ng		99
64) 4,6-Dinitro-2-methylphenol	15.59	198	99804	38.272	ng		86
65) n-Nitrosodiphenylamine	15.73	169	729400	44.486	ng		97
66) 4-Bromophenyl-phenylether	16.41	248	295153	47.655	ng		97
67) Hexachlorobenzene	16.51	284	305244	46.213	ng		98
68) Atrazine	16.68	200	302264	47.057	ng		98
69) Pentachlorophenol	16.86	266	354072	78.041	ng	#	57
70) Phenanthrene	17.25	178	1333938	44.090	ng		96
71) Anthracene	17.35	178	1365541	45.133	ng		97
72) Carbazole	17.62	167	1284307	44.000	ng		96
73) Di-n-butylphthalate	18.19	149	1509885	41.581	ng		98
74) Fluoranthene	19.27	202	1664400	45.479	ng		95
76) Benzidine	19.46	184	80496	4.908	ng	#	94
77) Pyrene	19.64	202	1670445	41.933	ng		94
79) Butylbenzylphthalate	20.55	149	745975	42.642	ng		91
80) Benzo(a)anthracene	21.45	228	1723778	45.010	ng		95
81) 3,3'-Dichlorobenzidine	21.38	252	331325	23.202	ng		100
82) Chrysene	21.52	228	1633133	44.656	ng		94
83) Bis(2-ethylhexyl)phthalate	21.40	149	1045053	42.300	ng		99
84) Di-n-octyl phthalate	22.56	149	1776606	45.305	ng		99
85) Indeno(1,2,3-cd)pyrene	27.99	276	2074226	49.826	ng		95
87) Benzo(b)fluoranthene	23.56	252	1809975	46.393	ng		98
88) Benzo(k)fluoranthene	23.63	252	1727917	44.587	ng		97
89) Benzo(a)pyrene	24.39	252	1761408	47.142	ng		99
90) Dibenzo(a,h)anthracene	28.06	278	1727306	47.776	ng		96
91) Benzo(g,h,i)perylene	29.07	276	1711411	48.106	ng		97

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

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