Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
Data File : BG033976.D
Acq On : 25 Apr 2018 6:14
Operator : SJ/JU
Sample : J2504-03MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Manual Integrations APPROVED
Sohil
4/25/2018 4:25:50 PM

Quant Time: Apr 25 12:04:35 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	85979	20.00	ng		0.00
21) Naphthalene-d8	10.61	136	353432	20.00	ng		-0.02
38) Acenaphthene-d10	14.46	164	222340	20.00	ng		-0.01
63) Phenanthrene-d10	17.21	188	542517	20.00	ng		-0.01
75) Chrysene-d12	21.47	240	586024	20.00	ng		-0.02
86) Perylene-d12	24.53	264	610387	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	710546	131.94	ng		0.00
7) Phenol-d6	7.01	99	855926	108.97	ng		0.00
23) Nitrobenzene-d5	8.98	82	625525	100.72	ng		0.00
41) 2,4,6-Tribromophenol	15.95	330	403412	155.52	ng		-0.01
44) 2-Fluorobiphenyl	13.08	172	1422289	93.97	ng		-0.02
78) Terphenyl-d14	19.85	244	2222420	85.20	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	84004	36.915	ng		87
3) Pyridine	3.82	79	217828	33.084	ng		91
4) n-Nitrosodimethylamine	3.73	42	124582	41.533	ng	#	94
6) Aniline	7.17	93	122143	11.633	ng		94
8) 2-Chlorophenol	7.40	128	257359	42.649	ng		94
9) Benzaldehyde	6.98	77	118514	25.731	ng		94
10) Phenol	7.03	94	279956	34.791	ng		98
11) bis(2-Chloroethyl)ether	7.26	93	240263	39.039	ng		91
12) 1,3-Dichlorobenzene	7.72	146	277938	40.011	ng		97
13) 1,4-Dichlorobenzene	7.86	146	277397	39.427	ng		98
14) 1,2-Dichlorobenzene	8.18	146	265975	38.873	ng		97
15) Benzyl Alcohol	8.06	79	246711	36.020	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.36	45	401767	33.471	ng		95
17) 2-Methylphenol	8.26	107	214295	35.937	ng		96
18) Hexachloroethane	8.90	117	101329	39.413	ng		93
19) n-Nitroso-di-n-propylamine	8.63	70	214056	31.970	ng	#	96
20) 3+4-Methylphenols	8.59	107	290705	33.551	ng		95
22) Acetophenone	8.65	105	382384	39.751	ng	#	96
24) Nitrobenzene	9.02	77	298017	44.036	ng		95
25) Isophorone	9.54	82	556305	39.842	ng	#	94
26) 2-Nitrophenol	9.73	139	139504	52.171	ng		94
27) 2,4-Dimethylphenol	9.79	122	244312	48.847	ng		94
28) bis(2-Chloroethoxy)methane	10.03	93	326535	44.250	ng		98
29) 2,4-Dichlorophenol	10.26	162	264019	47.353	ng		92
30) 1,2,4-Trichlorobenzene	10.47	180	282306	45.206	ng		100
31) Naphthalene	10.66	128	773812	42.576	ng		99
32) Benzoic acid	9.85	122	18367	8.378	ng	#	82
33) 4-Chloroaniline	10.77	127	28208	3.302	ng		95
34) Hexachlorobutadiene	10.95	225	175965	47.102	ng		96
35) Caprolactam	11.54	113	72480m	30.576	ng		
36) 4-Chloro-3-methylphenol	11.89	107	267095	39.249	ng		88
37) 2-Methylnaphthalene	12.28	142	561943	40.384	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.65	216	336704	45.605	ng		98
40) Hexachlorocyclopentadiene	12.63	237	386966	95.323	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	221293	49.160	ng		94
43) 2,4,5-Trichlorophenol	12.95	196	239886	46.354	ng		95
45) 1,1'-Biphenyl	13.29	154	752891	41.831	ng		98
46) 2-Chloronaphthalene	13.33	162	571220	41.857	ng		98
47) 2-Nitroaniline	13.53	65	185574	43.551	ng		89
48) Acenaphthylene	14.18	152	894856	39.448	ng		99
49) Dimethylphthalate	13.93	163	758580	38.786	ng		99
50) 2,6-Dinitrotoluene	14.04	165	173570	46.829	ng	#	83
51) Acenaphthene	14.53	154	554394	38.904	ng		99
52) 3-Nitroaniline	14.36	138	32711	8.128	ng	#	80
53) 2,4-Dinitrophenol	14.57	184	38978	29.406	ng	#	55
54) Dibenzofuran	14.86	168	882022	41.748	ng		96
55) 4-Nitrophenol	14.67	139	258179	81.794	ng		88
56) 2,4-Dinitrotoluene	14.83	165	238648	48.420	ng	#	81
57) Fluorene	15.51	166	729998	39.929	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.09	232	230608	48.668	ng		96
59) Diethylphthalate	15.30	149	774967	37.487	ng		98
60) 4-Chlorophenyl-phenylether	15.51	204	400482	41.880	ng		95
61) 4-Nitroaniline	15.53	138	174111	40.745	ng		94
62) Azobenzene	15.80	77	682047	37.011	ng		99
64) 4,6-Dinitro-2-methylphenol	15.58	198	49183	22.771	ng		90
65) n-Nitrosodiphenylamine	15.73	169	643737	40.813	ng		97
66) 4-Bromophenyl-phenylether	16.41	248	258319	43.357	ng		97
67) Hexachlorobenzene	16.52	284	265480	41.782	ng		97
68) Atrazine	16.68	200	280336	45.369	ng		99
69) Pentachlorophenol	16.86	266	221058	50.650	ng	#	55
70) Phenanthrene	17.25	178	1175674	40.396	ng		97
71) Anthracene	17.35	178	1223559	42.039	ng		99
72) Carbazole	17.62	167	1121041	39.925	ng		98
73) Di-n-butylphthalate	18.19	149	1344898	38.501	ng		99
74) Fluoranthene	19.27	202	1483998	42.152	ng		96
76) Benzidine	19.46	184	224945	14.215	ng		99
77) Pyrene	19.63	202	1487272	38.694	ng		95
79) Butylbenzylphthalate	20.55	149	648551	38.422	ng		92
80) Benzo(a)anthracene	21.45	228	1518690	41.097	ng		98
81) 3,3'-Dichlorobenzidine	21.37	252	181269	13.156	ng		96
82) Chrysene	21.51	228	1427008	40.439	ng		96
83) Bis(2-ethylhexyl)phthalate	21.40	149	910820	38.208	ng		99
84) Di-n-octyl phthalate	22.56	149	1550551	40.979	ng		99
85) Indeno(1,2,3-cd)pyrene	27.99	276	1799484	44.799	ng	#	93
87) Benzo(b)fluoranthene	23.56	252	1584662	42.556	ng		99
88) Benzo(k)fluoranthene	23.63	252	1499598	40.542	ng		98
89) Benzo(a)pyrene	24.39	252	1524664	42.753	ng		100
90) Dibenzo(a,h)anthracene	28.06	278	1489525	43.165	ng		96
91) Benzo(g,h,i)perylene	29.07	276	1475087	43.442	ng		99

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

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