Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
Data File : BG033986.D
Acq On : 25 Apr 2018 14:41
Operator : SJ/JU
Sample : J2504-03MS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
KS-RO-238MS

Manual Integrations APPROVED
Sohil
4/26/2018 6:16:34 PM

Quant Time: Apr 26 06:39:40 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	77080	20.00	ng		-0.01
21) Naphthalene-d8	10.61	136	343424	20.00	ng		-0.02
38) Acenaphthene-d10	14.46	164	228974	20.00	ng		-0.02
63) Phenanthrene-d10	17.21	188	560442	20.00	ng		-0.02
75) Chrysene-d12	21.47	240	583310	20.00	ng		-0.02
86) Perylene-d12	24.52	264	596330	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	669797	138.73	ng		0.00
7) Phenol-d6	7.00	99	823483	116.94	ng		0.00
23) Nitrobenzene-d5	8.98	82	606758	100.55	ng		0.00
41) 2,4,6-Tribromophenol	15.96	330	424249	158.81	ng		-0.01
44) 2-Fluorobiphenyl	13.08	172	1442785	92.56	ng		-0.02
78) Terphenyl-d14	19.85	244	2268966	87.39	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	66498	32.596	ng		90
3) Pyridine	3.81	79	187417	31.751	ng		92
4) n-Nitrosodimethylamine	3.72	42	113346	42.149	ng	#	88
6) Aniline	7.16	93	137883	14.648	ng		98
8) 2-Chlorophenol	7.40	128	240824	44.517	ng		94
9) Benzaldehyde	6.97	77	104770	25.287	ng		97
10) Phenol	7.03	94	271908	37.692	ng		97
11) bis(2-Chloroethyl)ether	7.26	93	225600	40.889	ng		95
12) 1,3-Dichlorobenzene	7.72	146	245810	39.472	ng		92
13) 1,4-Dichlorobenzene	7.86	146	251255	39.834	ng		97
14) 1,2-Dichlorobenzene	8.18	146	241578	39.384	ng		97
15) Benzyl Alcohol	8.07	79	242106	39.428	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.36	45	375724	34.915	ng		95
17) 2-Methylphenol	8.27	107	207057	38.732	ng		95
18) Hexachloroethane	8.90	117	92133	39.973	ng		97
19) n-Nitroso-di-n-propylamine	8.63	70	205397	34.218	ng		95
20) 3+4-Methylphenols	8.59	107	287866	37.059	ng		97
22) Acetophenone	8.64	105	374222	40.037	ng	#	96
24) Nitrobenzene	9.02	77	289239	43.985	ng		92
25) Isophorone	9.55	82	551596	40.656	ng	#	93
26) 2-Nitrophenol	9.73	139	142400	54.806	ng		92
27) 2,4-Dimethylphenol	9.79	122	243860	50.178	ng		93
28) bis(2-Chloroethoxy)methane	10.03	93	324565	45.265	ng		98
29) 2,4-Dichlorophenol	10.26	162	266324	49.158	ng		94
30) 1,2,4-Trichlorobenzene	10.48	180	264826	43.643	ng		99
31) Naphthalene	10.66	128	742639	42.051	ng		99
32) Benzoic acid	9.85	122	23920	9.499	ng	#	73
33) 4-Chloroaniline	10.78	127	19774	2.382	ng		95
34) Hexachlorobutadiene	10.95	225	164570	45.336	ng		96
35) Caprolactam	11.55	113	74473m	32.332	ng		
36) 4-Chloro-3-methylphenol	11.90	107	273747	41.399	ng	#	90
37) 2-Methylnaphthalene	12.27	142	563506	41.676	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.64	216	338449	44.513	ng		98
40) Hexachlorocyclopentadiene	12.63	237	394018	94.248	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.88	196	225493	48.642	ng		94
43) 2,4,5-Trichlorophenol	12.96	196	242683	45.536	ng		95
45) 1,1'-Biphenyl	13.30	154	758953	40.946	ng		98
46) 2-Chloronaphthalene	13.33	162	583357	41.508	ng		99
47) 2-Nitroaniline	13.54	65	192514	43.871	ng	#	87
48) Acenaphthylene	14.18	152	919487	39.359	ng		98
49) Dimethylphthalate	13.92	163	781007	38.776	ng		99
50) 2,6-Dinitrotoluene	14.04	165	180694	47.339	ng		88
51) Acenaphthene	14.52	154	576169	39.260	ng		97
52) 3-Nitroaniline	14.36	138	45720	11.031	ng	#	80
53) 2,4-Dinitrophenol	14.57	184	68998	50.545	ng	#	52
54) Dibenzofuran	14.86	168	901455	41.432	ng		97
55) 4-Nitrophenol	14.68	139	285174	87.728	ng		86
56) 2,4-Dinitrotoluene	14.83	165	253494	49.942	ng	#	79
57) Fluorene	15.51	166	753205	40.005	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.09	232	237881	48.749	ng		96
59) Diethylphthalate	15.30	149	807443	37.926	ng		97
60) 4-Chlorophenyl-phenylether	15.51	204	420296	42.679	ng		96
61) 4-Nitroaniline	15.53	138	178806	40.631	ng		89
62) Azobenzene	15.80	77	694053	36.571	ng		97
64) 4,6-Dinitro-2-methylphenol	15.59	198	71317	29.343	ng		85
65) n-Nitrosodiphenylamine	15.73	169	667670	40.977	ng		98
66) 4-Bromophenyl-phenylether	16.40	248	268912	43.691	ng		97
67) Hexachlorobenzene	16.52	284	280241	42.695	ng		96
68) Atrazine	16.69	200	292720	45.858	ng		99
69) Pentachlorophenol	16.86	266	334455	74.181	ng	#	58
70) Phenanthrene	17.26	178	1214884	40.408	ng		97
71) Anthracene	17.34	178	1251127	41.612	ng		97
72) Carbazole	17.61	167	1155171	39.824	ng		96
73) Di-n-butylphthalate	18.20	149	1377107	38.163	ng		98
74) Fluoranthene	19.27	202	1517028	41.712	ng		96
76) Benzidine	19.46	184	265959	16.885	ng		99
77) Pyrene	19.64	202	1518493	39.690	ng		94
79) Butylbenzylphthalate	20.55	149	653413	38.890	ng		92
80) Benzo(a)anthracene	21.45	228	1522376	41.389	ng		97
81) 3,3'-Dichlorobenzidine	21.37	252	218743	15.949	ng		98
82) Chrysene	21.52	228	1429474	40.698	ng		95
83) Bis(2-ethylhexyl)phthalate	21.39	149	900178	37.937	ng		99
84) Di-n-octyl phthalate	22.56	149	1533934	40.729	ng		99
85) Indeno(1,2,3-cd)pyrene	27.99	276	1760798	44.040	ng	#	93
87) Benzo(b)fluoranthene	23.57	252	1553296	42.697	ng		99
88) Benzo(k)fluoranthene	23.63	252	1486805	41.144	ng		97
89) Benzo(a)pyrene	24.39	252	1501234	43.088	ng		100
90) Dibenzo(a,h)anthracene	28.06	278	1472078	43.665	ng		98
91) Benzo(g,h,i)perylene	29.07	276	1468781	44.276	ng		98

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

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