Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060718\
Data File : BG034957.D
Acq On : 7 Jun 2018 18:05
Operator : SJ/JU
Sample : J3241-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-06-060518-AMS

Manual Integrations APPROVED
Sohil
6/8/2018 4:44:52 PM

Quant Time: Jun 08 04:48:24 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 07 13:13:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	40678	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	153420	20.00	ng		0.00
38) Acenaphthene-d10	14.70	164	109908	20.00	ng		0.00
63) Phenanthrene-d10	17.45	188	279871	20.00	ng		0.00
75) Chrysene-d12	21.73	240	286505	20.00	ng		0.00
86) Perylene-d12	24.97	264	276636	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	329204	136.58	ng		0.00
7) Phenol-d6	7.24	99	461660	129.77	ng		0.00
23) Nitrobenzene-d5	9.24	82	330247	102.32	ng		0.00
41) 2,4,6-Tribromophenol	16.19	330	210363	149.52	ng		0.00
44) 2-Fluorobiphenyl	13.33	172	721818	85.38	ng		0.00
78) Terphenyl-d14	20.06	244	1308252	95.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	39901	34.695	ng	#	76
3) Pyridine	3.97	79	94411	30.426	ng	#	79
4) n-Nitrosodimethylamine	3.87	42	55333	41.508	ng	#	84
6) Aniline	7.41	93	51041	11.099	ng		99
8) 2-Chlorophenol	7.65	128	112801	44.645	ng		99
9) Benzaldehyde	7.22	77	30202	11.021	ng		93
10) Phenol	7.26	94	153683	41.743	ng		94
11) bis(2-Chloroethyl)ether	7.51	93	117390	41.080	ng		95
12) 1,3-Dichlorobenzene	7.97	146	128405m	42.594	ng		
13) 1,4-Dichlorobenzene	8.12	146	128824	41.396	ng		96
14) 1,2-Dichlorobenzene	8.44	146	124243	42.504	ng		96
15) Benzyl Alcohol	8.32	79	148078	43.927	ng		87
16) 2,2'-oxybis(1-Chloropropan	8.62	45	144591	50.838	ng		83
17) 2-Methylphenol	8.52	107	114192	47.044	ng	#	90
18) Hexachloroethane	9.17	117	48214	43.276	ng		96
19) n-Nitroso-di-n-propylamine	8.89	70	119835	39.648	ng	#	86
20) 3+4-Methylphenols	8.84	107	154016	44.267	ng		93
22) Acetophenone	8.90	105	206128	43.373	ng	#	92
24) Nitrobenzene	9.29	77	166135	50.267	ng		94
25) Isophorone	9.81	82	331669	48.672	ng		98
26) 2-Nitrophenol	10.00	139	59522	52.248	ng	#	84
27) 2,4-Dimethylphenol	10.05	122	127632	53.300	ng		96
28) bis(2-Chloroethoxy)methane	10.30	93	169810	46.372	ng		96
29) 2,4-Dichlorophenol	10.53	162	132806	50.971	ng		93
30) 1,2,4-Trichlorobenzene	10.75	180	145502	46.571	ng		98
31) Naphthalene	10.94	128	366686	46.008	ng		97
32) Benzoic acid	10.18	122	77452	48.289	ng		90
33) 4-Chloroaniline	11.05	127	6929	2.002	ng	#	91
34) Hexachlorobutadiene	11.23	225	111151	45.745	ng		98
35) Caprolactam	11.82	113	36701m	38.114	ng		
36) 4-Chloro-3-methylphenol	12.15	107	162886	50.151	ng		95
37) 2-Methylnaphthalene	12.54	142	296864	49.129	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.90	216	200993	49.097	ng		99
40) Hexachlorocyclopentadiene	12.89	237	264293	102.949	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	119034	48.559	ng		95
43) 2,4,5-Trichlorophenol	13.21	196	129890	48.277	ng		98
45) 1,1'-Biphenyl	13.54	154	400657	45.335	ng		96
46) 2-Chloronaphthalene	13.59	162	309749	46.357	ng		98
47) 2-Nitroaniline	13.78	65	93820	47.550	ng		92
48) Acenaphthylene	14.43	152	512003	45.698	ng		97
49) Dimethylphthalate	14.16	163	415336	43.335	ng		100
50) 2,6-Dinitrotoluene	14.27	165	89282	51.062	ng		93
51) Acenaphthene	14.77	154	324038	44.265	ng		98
52) 3-Nitroaniline	14.60	138	11325	6.601	ng	#	83
53) 2,4-Dinitrophenol	14.81	184	94910	134.124	ng	#	67
54) Dibenzofuran	15.11	168	512574	46.752	ng		92
55) 4-Nitrophenol	14.90	139	132740	91.670	ng	#	82
56) 2,4-Dinitrotoluene	15.06	165	126862	54.619	ng		96
57) Fluorene	15.75	166	435317	47.509	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.32	232	138133	52.849	ng		97
59) Diethylphthalate	15.53	149	430074	43.982	ng		100
60) 4-Chlorophenyl-phenylether	15.75	204	254774	48.762	ng		97
61) 4-Nitroaniline	15.76	138	71723	38.979	ng	#	82
62) Azobenzene	16.04	77	464798	48.506	ng		95
64) 4,6-Dinitro-2-methylphenol	15.82	198	72353	56.623	ng		85
65) n-Nitrosodiphenylamine	15.96	169	357090	42.486	ng		99
66) 4-Bromophenyl-phenylether	16.64	248	186154	55.233	ng		92
67) Hexachlorobenzene	16.75	284	242424	70.669	ng		97
68) Atrazine	16.90	200	108438	30.254	ng		95
69) Pentachlorophenol	17.09	266	219999	95.373	ng		98
70) Phenanthrene	17.49	178	797991	56.130	ng		98
71) Anthracene	17.59	178	874243	61.390	ng		98
72) Carbazole	17.85	167	632524	47.871	ng		98
73) Di-n-butylphthalate	18.42	149	855298	54.309	ng	#	98
74) Fluoranthene	19.49	202	1194517	64.569	ng		96
76) Benzidine	19.73	184	25677m	2.409	ng		
77) Pyrene	19.86	202	1189331	62.969	ng		96
79) Butylbenzylphthalate	20.75	149	437965	63.858	ng		97
80) Benzo(a)anthracene	21.70	228	1333242	72.821	ng		99
81) 3,3'-Dichlorobenzidine	21.62	252	46619	6.768	ng	#	92
82) Chrysene	21.77	228	1276203	76.133	ng		97
83) Bis(2-ethylhexyl)phthalate	21.63	149	710689	73.335	ng		99
84) Di-n-octyl phthalate	22.88	149	1240225	74.596	ng		96
85) Indeno(1,2,3-cd)pyrene	28.70	276	1527710	77.815	ng	#	85
87) Benzo(b)fluoranthene	23.95	252	1362920	80.003	ng	#	98
88) Benzo(k)fluoranthene	24.02	252	1294595	77.685	ng	#	97
89) Benzo(a)pyrene	24.83	252	1229184	76.679	ng	#	97
90) Dibenzo(a,h)anthracene	28.78	278	1264485	79.906	ng	#	96
91) Benzo(g,h,i)perylene	29.87	276	1253777	80.958	ng	#	94

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

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