Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090418\
Data File : BG036531.D
Acq On : 4 Sep 2018 14:34
Operator : JU/SJ
Sample : J4712-05MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-03MSD

Manual Integrations APPROVED
Sohil
9/5/2018 3:13:06 PM

Quant Time: Sep 05 03:58:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	68552	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	287817	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	183113	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	469886	20.00	ng		0.00
75) Chrysene-d12	21.70	240	467276	20.00	ng		0.00
86) Perylene-d12	24.90	264	490959	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	498770	115.42	ng		0.00
7) Phenol-d6	7.22	99	693735	112.12	ng		0.00
23) Nitrobenzene-d5	9.22	82	413985	78.04	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	276969	126.76	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	883296	68.87	ng		0.00
78) Terphenyl-d14	20.03	244	1426561	71.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	60078	29.789	ng		96
3) Pyridine	3.93	79	178908	31.603	ng		94
4) n-Nitrosodimethylamine	3.85	42	95504	37.877	ng		87
6) Aniline	7.38	93	258130	32.867	ng		97
8) 2-Chlorophenol	7.62	128	186106	39.712	ng		97
9) Benzaldehyde	7.20	77	110397	25.910	ng		97
10) Phenol	7.24	94	276972	42.776	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	186372	36.307	ng		99
12) 1,3-Dichlorobenzene	7.95	146	195732	36.577	ng		99
13) 1,4-Dichlorobenzene	8.09	146	196875	36.440	ng		99
14) 1,2-Dichlorobenzene	8.41	146	188982	36.626	ng		97
15) Benzyl Alcohol	8.29	79	188762	37.844	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.59	45	349157	33.728	ng		99
17) 2-Methylphenol	8.49	107	177736	41.340	ng		96
18) Hexachloroethane	9.15	117	70254	36.268	ng		93
19) n-Nitroso-di-n-propylamine	8.86	70	159475	34.487	ng		95
20) 3+4-Methylphenols	8.82	107	238926	39.804	ng		95
22) Acetophenone	8.88	105	299602	39.641	ng	#	98
24) Nitrobenzene	9.26	77	229702	40.156	ng		96
25) Isophorone	9.79	82	449060	42.613	ng		97
26) 2-Nitrophenol	9.97	139	96956	42.773	ng		95
27) 2,4-Dimethylphenol	10.03	122	188913	45.015	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	261738	40.470	ng		99
29) 2,4-Dichlorophenol	10.51	162	205236	44.624	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	211391	39.289	ng		99
31) Naphthalene	10.91	128	603163	41.922	ng		99
32) Benzoic acid	10.09	122	12272m	8.055	ng		
33) 4-Chloroaniline	11.02	127	209012	31.702	ng		99
34) Hexachlorobutadiene	11.20	225	139962	38.717	ng		98
35) Caprolactam	11.79	113	73844m	40.304	ng		
36) 4-Chloro-3-methylphenol	12.13	107	225762	42.245	ng		95
37) 2-Methylnaphthalene	12.52	142	466597	44.322	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	264709	40.849	ng		99
40) Hexachlorocyclopentadiene	12.87	237	301070	89.295	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	173642	43.989	ng	97
43) 2,4,5-Trichlorophenol	13.19	196	189916	45.107	ng	98
45) 1,1'-Biphenyl	13.52	154	585787	38.539	ng	99
46) 2-Chloronaphthalene	13.56	162	455928	39.291	ng	99
47) 2-Nitroaniline	13.76	65	157225	43.149	ng	96
48) Acenaphthylene	14.40	152	757140	41.750	ng	100
49) Dimethylphthalate	14.14	163	819091	54.781	ng	98
50) 2,6-Dinitrotoluene	14.25	165	129210	41.996	ng	97
51) Acenaphthene	14.75	154	499886	43.040	ng	99
52) 3-Nitroaniline	14.58	138	127428	38.433	ng	99
53) 2,4-Dinitrophenol	14.79	184	101979	87.505	ng	96
54) Dibenzofuran	15.08	168	723974	39.788	ng	100
55) 4-Nitrophenol	14.89	139	233788	86.239	ng	99
56) 2,4-Dinitrotoluene	15.04	165	183705	45.813	ng	93
57) Fluorene	15.73	166	573503	42.162	ng	97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	189382	47.875	ng	95
59) Diethylphthalate	15.50	149	599480	39.783	ng	99
60) 4-Chlorophenyl-phenylether	15.72	204	325360	38.736	ng	99
61) 4-Nitroaniline	15.75	138	152336	43.907	ng	92
62) Azobenzene	16.01	77	579947	37.826	ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	96618	46.808	ng	96
65) n-Nitrosodiphenylamine	15.94	169	537560	38.502	ng	97
66) 4-Bromophenyl-phenylether	16.61	248	217192	39.479	ng	99
67) Hexachlorobenzene	16.73	284	220509	39.199	ng	99
68) Atrazine	16.88	200	223907	42.726	ng	98
69) Pentachlorophenol	17.07	266	277010	72.455	ng	98
70) Phenanthrene	17.47	178	975015	40.836	ng	99
71) Anthracene	17.56	178	984650	41.371	ng	97
72) Carbazole	17.82	167	905954	38.115	ng	99
73) Di-n-butylphthalate	18.39	149	1005180	37.976	ng	99
74) Fluoranthene	19.48	202	1186736	40.767	ng	100
76) Benzidine	19.65	184	479163	32.141	ng	100
77) Pyrene	19.83	202	1165755	40.570	ng	98
79) Butylbenzylphthalate	20.72	149	477310	41.739	ng	95
80) Benzo(a)anthracene	21.67	228	1181949	41.753	ng	99
81) 3,3'-Dichlorobenzidine	21.59	252	351451	31.151	ng	99
82) Chrysene	21.74	228	1099359	40.971	ng	98
83) Bis(2-ethylhexyl)phthalate	21.58	149	648448	40.522	ng	99
84) Di-n-octyl phthalate	22.80	149	1102715	41.255	ng	98
85) Indeno(1,2,3-cd)pyrene	28.56	276	1338490	42.948	ng	100
87) Benzo(b)fluoranthene	23.89	252	1205175	44.206	ng	97
88) Benzo(k)fluoranthene	23.96	252	1117777	41.967	ng	98
89) Benzo(a)pyrene	24.76	252	1147747	43.811	ng	99
90) Dibenzo(a,h)anthracene	28.63	278	1078888	42.659	ng	98
91) Benzo(g,h,i)perylene	29.70	276	1113499	43.811	ng	97

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

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