Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030619\
Data File : BG039793.D
Acq On : 6 Mar 2019 18:46
Operator : JU/SJ
Sample : K1707-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S10MSD

Manual Integrations APPROVED
Sohil
3/7/2019 3:42:44 PM

Quant Time: Mar 07 00:59:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	45681	20.00	ng		-0.02
21) Naphthalene-d8	10.98	136	209428	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	150430	20.00	ng		-0.01
64) Phenanthrene-d10	17.52	188	357705	20.00	ng		-0.01
76) Chrysene-d12	21.82	240	350632	20.00	ng		-0.01
87) Perylene-d12	25.19	264	361269	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	328571	122.71	ng		-0.01
7) Phenol-d6	7.30	99	437732	109.64	ng		-0.01
23) Nitrobenzene-d5	9.33	82	320781	82.84	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	215360	122.83	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	796599	75.40	ng		-0.01
79) Terphenyl-d14	20.12	244	1267373	79.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	38772	31.364	ng	#	32
3) Pyridine	3.99	79	102011	30.824	ng		98
4) n-Nitrosodimethylamine	3.91	42	55100	35.095	ng		86
6) Aniline	7.48	93	65520	12.526	ng		93
8) 2-Chlorophenol	7.72	128	128001	39.403	ng		96
9) Benzaldehyde	7.30	77	79701	30.947	ng		98
10) Phenol	7.33	94	150968	34.904	ng		95
11) bis(2-Chloroethyl)ether	7.57	93	127276	37.742	ng		97
12) 1,3-Dichlorobenzene	8.04	146	130377	35.487	ng		96
13) 1,4-Dichlorobenzene	8.19	146	133379	35.641	ng		99
14) 1,2-Dichlorobenzene	8.51	146	131811	36.455	ng		96
15) Benzyl Alcohol	8.39	79	128415	40.547	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	249789	37.036	ng		99
17) 2-Methylphenol	8.59	107	113282	41.075	ng		98
18) Hexachloroethane	9.24	117	47632	35.473	ng		97
19) n-Nitroso-di-n-propylamine	8.96	70	108577	37.783	ng		92
20) 3+4-Methylphenols	8.92	107	155303	40.535	ng		95
22) Acetophenone	8.98	105	201589	35.864	ng	#	95
24) Nitrobenzene	9.38	77	157828	38.852	ng		99
25) Isophorone	9.89	82	313289	38.613	ng		99
26) 2-Nitrophenol	10.09	139	78738	40.145	ng		96
27) 2,4-Dimethylphenol	10.13	122	138756	45.487	ng		94
28) bis(2-Chloroethoxy)methane	10.37	93	188035	38.136	ng		98
29) 2,4-Dichlorophenol	10.62	162	149493	43.527	ng		99
30) 1,2,4-Trichlorobenzene	10.83	180	146698	37.959	ng		97
31) Naphthalene	11.03	128	420663	37.937	ng		99
32) Benzoic acid	10.22	122	2747m	7.730	ng		
33) 4-Chloroaniline	11.14	127	16271	3.461	ng		95
34) Hexachlorobutadiene	11.28	225	93639	35.457	ng		98
35) Caprolactam	11.91	113	36992m	28.196	ng		
36) 4-Chloro-3-methylphenol	12.24	107	165806	42.115	ng		99
37) 2-Methylnaphthalene	12.62	142	326163	39.344	ng		96
38) 1-Methylnaphthalene	12.84	142	312335	38.769	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	180747	35.467	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	206289	75.534	ng		99
43) 2,4,6-Trichlorophenol	13.22	196	127246	42.649	ng		98
44) 2,4,5-Trichlorophenol	13.29	196	140411	41.751	ng		99
46) 1,1'-Biphenyl	13.62	154	444868	35.956	ng		99
47) 2-Chloronaphthalene	13.66	162	346449	37.221	ng		99
48) 2-Nitroaniline	13.88	65	122542	40.967	ng		91
49) Acenaphthylene	14.51	152	560119	36.657	ng		99
50) Dimethylphthalate	14.23	163	472360	37.552	ng		100
51) 2,6-Dinitrotoluene	14.36	165	103856	38.946	ng		96
52) Acenaphthene	14.84	154	340520	37.027	ng		100
53) 3-Nitroaniline	14.69	138	24071	8.980	ng	#	91
54) 2,4-Dinitrophenol	14.90	184	10049	10.839	ng		96
55) Dibenzofuran	15.18	168	565767	37.496	ng		100
56) 4-Nitrophenol	14.99	139	147679	61.586	ng		89
57) 2,4-Dinitrotoluene	15.14	165	150683	40.215	ng	#	88
58) Fluorene	15.83	166	447715	37.745	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	127882	38.936	ng		98
60) Diethylphthalate	15.58	149	480967	38.625	ng		99
61) 4-Chlorophenyl-phenylether	15.81	204	235875	37.265	ng		98
62) 4-Nitroaniline	15.86	138	108318	37.274	ng		94
63) Azobenzene	16.10	77	432320	38.301	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	15623	7.387	ng		91
66) n-Nitrosodiphenylamine	16.03	169	416966	40.265	ng		98
67) 4-Bromophenyl-phenylether	16.71	248	156457	39.076	ng		94
68) Hexachlorobenzene	16.82	284	159584	38.451	ng		96
69) Atrazine	16.97	200	166716	40.906	ng		99
70) Pentachlorophenol	17.17	266	79965	30.508	ng		98
71) Phenanthrene	17.57	178	751432	38.138	ng		99
72) Anthracene	17.66	178	763374	39.759	ng		98
73) Carbazole	17.93	167	664215	38.374	ng		99
74) Di-n-butylphthalate	18.46	149	814796	40.009	ng		99
75) Fluoranthene	19.57	202	889809	38.213	ng		100
77) Benzidine	19.75	184	130188	11.701	ng		98
78) Pyrene	19.93	202	885944	38.884	ng		99
80) Butylbenzylphthalate	20.80	149	371075	42.038	ng		96
81) Benzo(a)anthracene	21.79	228	842184	38.324	ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	79812	9.948	ng		99
83) Chrysene	21.86	228	804668	37.770	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	515878	41.588	ng		99
85) Di-n-octyl phthalate	22.92	149	876674	42.684	ng		95
86) Indeno(1,2,3-cd)pyrene	29.07	276	969813	40.127	ng		99
88) Benzo(b)fluoranthene	24.11	252	849822	39.447	ng		98
89) Benzo(k)fluoranthene	24.18	252	806811	40.233	ng		99
90) Benzo(a)pyrene	25.03	252	812527	40.816	ng		98
91) Dibenzo(a,h)anthracene	29.14	278	780830	40.010	ng		98
92) Benzo(g,h,i)perylene	30.29	276	797126	40.669	ng		96

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

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