Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
Data File : BG043736.D
Acq On : 20 Nov 2019 20:26
Operator : JU
Sample : K5916-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
600429836MSD

Manual Integrations APPROVED
mohammad
11/21/2019 1:05:36 PM

Quant Time: Nov 21 01:08:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 15:23:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	31586	20.00	ng		0.00
21) Naphthalene-d8	10.79	136	126300	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	93980	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	219980	20.00	ng		0.00
76) Chrysene-d12	21.63	240	210747	20.00	ng		0.00
87) Perylene-d12	24.81	264	244649	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	268002	155.48	ng		0.00
7) Phenol-d6	7.19	99	377550	152.24	ng		0.00
23) Nitrobenzene-d5	9.15	82	230282	94.00	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	236904	132.46	ng		0.00
45) 2-Fluorobiphenyl	13.24	172	636299	93.56	ng		0.00
79) Terphenyl-d14	19.98	244	1116832	99.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	24604	36.629	ng	#	35
3) Pyridine	3.88	79	48303	28.507	ng		99
4) n-Nitrosodimethylamine	3.78	42	47343	55.370	ng		96
6) Aniline	7.33	93	22143	7.751	ng		94
8) 2-Chlorophenol	7.57	128	102060	53.638	ng		97
9) Benzaldehyde	7.13	77	32762	26.881	ng		96
10) Phenol	7.21	94	125790	55.507	ng		98
11) bis(2-Chloroethyl)ether	7.41	93	81377	46.445	ng		96
12) 1,3-Dichlorobenzene	7.88	146	103298	43.329	ng		97
13) 1,4-Dichlorobenzene	8.02	146	108128	44.828	ng		99
14) 1,2-Dichlorobenzene	8.34	146	104580	44.406	ng		95
15) Benzyl Alcohol	8.24	79	88100	50.582	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.52	45	117753	46.219	ng		99
17) 2-Methylphenol	8.46	107	86806	52.544	ng		97
18) Hexachloroethane	9.07	117	36493	41.935	ng		93
19) n-Nitroso-di-n-propylamine	8.79	70	79502	49.610	ng		98
20) 3+4-Methylphenols	8.79	107	120421	53.157	ng		98
22) Acetophenone	8.81	105	153708	47.523	ng		96
24) Nitrobenzene	9.19	77	117772	50.465	ng		97
25) Isophorone	9.72	82	224975	50.229	ng		99
26) 2-Nitrophenol	9.91	139	61050	54.185	ng		96
27) 2,4-Dimethylphenol	9.98	122	98463	60.973	ng		98
28) bis(2-Chloroethoxy)methane	10.20	93	119518	48.348	ng		97
29) 2,4-Dichlorophenol	10.47	162	110401	53.358	ng		97
30) 1,2,4-Trichlorobenzene	10.66	180	120081	46.047	ng		98
31) Naphthalene	10.85	128	314986	49.133	ng		98
32) Benzoic acid	10.19	122	53905	44.525	ng		96
33) 4-Chloroaniline	10.99	127	4182	1.591	ng	#	88
34) Hexachlorobutadiene	11.13	225	83627	43.381	ng		100
35) Caprolactam	11.74	113	36822m	51.673	ng		
36) 4-Chloro-3-methylphenol	12.11	107	124525	55.175	ng		93
37) 2-Methylnaphthalene	12.45	142	240605	48.913	ng		98
38) 1-Methylnaphthalene	12.67	142	230299	49.206	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	153360	44.093	ng		98

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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	12.80	237	172221	94.262	ng		98
43) 2,4,6-Trichlorophenol	13.07	196	103785	50.670	ng		91
44) 2,4,5-Trichlorophenol	13.16	196	112411	54.285	ng		98
46) 1,1'-Biphenyl	13.45	154	330655	46.249	ng		99
47) 2-Chloronaphthalene	13.50	162	257097	47.262	ng		96
48) 2-Nitroaniline	13.71	65	76593	47.109	ng		96
49) Acenaphthylene	14.34	152	427750	50.524	ng		99
50) Dimethylphthalate	14.08	163	361810	49.703	ng		99
51) 2,6-Dinitrotoluene	14.20	165	80842	51.119	ng		98
52) Acenaphthene	14.69	154	255019	49.393	ng		98
53) 3-Nitroaniline	14.54	138	15404	10.089	ng	#	97
54) 2,4-Dinitrophenol	14.75	184	97505	97.031	ng		88
55) Dibenzofuran	15.02	168	414159	49.465	ng		98
56) 4-Nitrophenol	14.88	139	99579	97.322	ng		86
57) 2,4-Dinitrotoluene	14.99	165	114091	50.482	ng		99
58) Fluorene	15.67	166	345988	49.270	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.26	232	113485	51.582	ng		98
60) Diethylphthalate	15.43	149	351772	48.094	ng		99
61) 4-Chlorophenyl-phenylether	15.66	204	202369	49.399	ng		99
62) 4-Nitroaniline	15.71	138	63188	40.072	ng		96
63) Azobenzene	15.95	77	296876	50.152	ng		99
65) 4,6-Dinitro-2-methylphenol	15.76	198	75030	57.957	ng		95
66) n-Nitrosodiphenylamine	15.87	169	312402	50.301	ng		98
67) 4-Bromophenyl-phenylether	16.55	248	142828	48.246	ng		96
68) Hexachlorobenzene	16.68	284	157342	46.301	ng		95
69) Atrazine	16.83	200	117166	54.293	ng		99
70) Pentachlorophenol	17.03	266	157737	101.869	ng		98
71) Phenanthrene	17.41	178	543722	48.268	ng		98
72) Anthracene	17.50	178	559310	49.626	ng		100
73) Carbazole	17.78	167	469159	45.968	ng		98
74) Di-n-butylphthalate	18.32	149	557142	44.989	ng		99
75) Fluoranthene	19.42	202	664439	45.244	ng		97
77) Benzidine	19.65	184	23430	5.524	ng	#	92
78) Pyrene	19.78	202	665256	50.997	ng		100
80) Butylbenzylphthalate	20.66	149	241479	48.860	ng		95
81) Benzo(a)anthracene	21.61	228	670478	50.790	ng		99
82) 3,3'-Dichlorobenzidine	21.53	252	89362	17.502	ng		99
83) Chrysene	21.68	228	640645	48.844	ng		98
84) Bis(2-ethylhexyl)phthalate	21.51	149	356848	50.829	ng		96
85) Di-n-octyl phthalate	22.70	149	604991	50.794	ng		98
86) Indeno(1,2,3-cd)pyrene	28.43	276	822143	49.935	ng	#	93
88) Benzo(b)fluoranthene	23.80	252	695286	50.179	ng		99
89) Benzo(k)fluoranthene	23.87	252	717562	51.442	ng		99
90) Benzo(a)pyrene	24.66	252	647794	48.958	ng		100
91) Dibenzo(a,h)anthracene	28.49	278	697037	51.503	ng		99
92) Benzo(g,h,i)perylene	29.56	276	688693	51.588	ng		98

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

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