Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112118\
Data File : BG038127.D
Acq On : 21 Nov 2018 21:34
Operator : JU/SJ
Sample : J5765-04MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
NB-08-112018MSD

Manual Integrations APPROVED
mohammad
11/23/2018 11:50:19 AM

Quant Time: Nov 22 01:40:21 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	44275	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	191924	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	120178	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	272982	20.00	ng		0.00
76) Chrysene-d12	21.76	240	251156	20.00	ng		0.00
87) Perylene-d12	25.08	264	263180	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	285476	111.33	ng		0.00
7) Phenol-d6	7.23	99	371786	101.57	ng		0.00
23) Nitrobenzene-d5	9.27	82	278649	77.72	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	154389	112.64	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	615966	74.67	ng		0.00
79) Terphenyl-d14	20.06	244	926174	86.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	40401	33.355	ng	#	12
3) Pyridine	3.94	79	97740	28.288	ng		98
4) n-Nitrosodimethylamine	3.85	42	61681	49.206	ng	#	93
6) Aniline	7.41	93	64690	13.693	ng		94
8) 2-Chlorophenol	7.64	128	141066	47.409	ng		99
9) Benzaldehyde	7.23	77	65102	24.593	ng		97
10) Phenol	7.26	94	156872	40.460	ng		97
11) bis(2-Chloroethyl)ether	7.50	93	138916	43.887	ng		98
12) 1,3-Dichlorobenzene	7.97	146	139870	40.804	ng		95
13) 1,4-Dichlorobenzene	8.12	146	143052	41.313	ng		98
14) 1,2-Dichlorobenzene	8.44	146	136852	41.396	ng		99
15) Benzyl Alcohol	8.33	79	124773	47.108	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	275131	46.810	ng		98
17) 2-Methylphenol	8.52	107	123297	47.036	ng		96
18) Hexachloroethane	9.17	117	52625	41.760	ng		97
19) n-Nitroso-di-n-propylamine	8.89	70	115365	43.557	ng		98
20) 3+4-Methylphenols	8.85	107	172837	46.512	ng		97
22) Acetophenone	8.92	105	213878	44.790	ng	#	100
24) Nitrobenzene	9.31	77	171898	46.869	ng		96
25) Isophorone	9.82	82	326720	50.629	ng		96
26) 2-Nitrophenol	10.01	139	82193	44.890	ng		95
27) 2,4-Dimethylphenol	10.06	122	147292	53.392	ng		99
28) bis(2-Chloroethoxy)methane	10.30	93	196777	47.686	ng		97
29) 2,4-Dichlorophenol	10.55	162	150559	48.520	ng		97
30) 1,2,4-Trichlorobenzene	10.76	180	151642	43.610	ng		98
31) Naphthalene	10.96	128	463114	49.060	ng		100
32) Benzoic acid	10.19	122	64872m	39.470	ng		
33) 4-Chloroaniline	11.07	127	12632	2.877	ng		95
34) Hexachlorobutadiene	11.22	225	90850	42.452	ng		96
35) Caprolactam	11.86	113	40400m	32.527	ng		
36) 4-Chloro-3-methylphenol	12.17	107	163602	48.259	ng		96
37) 2-Methylnaphthalene	12.56	142	333860	49.237	ng		99
38) 1-Methylnaphthalene	12.77	142	317660	48.670	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	172264	42.896	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	206746	96.144	ng		95
43) 2,4,6-Trichlorophenol	13.15	196	123414	45.099	ng		99
44) 2,4,5-Trichlorophenol	13.23	196	132099	45.878	ng		96
46) 1,1'-Biphenyl	13.55	154	425052	42.100	ng		98
47) 2-Chloronaphthalene	13.60	162	338846	43.981	ng		98
48) 2-Nitroaniline	13.81	65	118010	48.669	ng		98
49) Acenaphthylene	14.45	152	558904	48.241	ng		99
50) Dimethylphthalate	14.17	163	446101	46.823	ng		99
51) 2,6-Dinitrotoluene	14.30	165	101624	47.129	ng		95
52) Acenaphthene	14.79	154	327575	46.965	ng		99
53) 3-Nitroaniline	14.64	138	27769	11.671	ng	#	97
54) 2,4-Dinitrophenol	14.84	184	69732	62.249	ng		89
55) Dibenzofuran	15.12	168	529297	45.894	ng		99
56) 4-Nitrophenol	14.93	139	140354	76.482	ng		92
57) 2,4-Dinitrotoluene	15.09	165	143213	48.814	ng	#	96
58) Fluorene	15.77	166	429347	49.895	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	113112	46.948	ng		95
60) Diethylphthalate	15.52	149	454141	44.878	ng		98
61) 4-Chlorophenyl-phenylether	15.75	204	220090	43.711	ng		99
62) 4-Nitroaniline	15.80	138	105274	44.538	ng		93
63) Azobenzene	16.05	77	426632	47.152	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	63197	36.602	ng		94
66) n-Nitrosodiphenylamine	15.97	169	380692	46.097	ng		98
67) 4-Bromophenyl-phenylether	16.65	248	135235	45.135	ng		97
68) Hexachlorobenzene	16.76	284	140458	45.416	ng		98
69) Atrazine	16.92	200	140626	46.192	ng		98
70) Pentachlorophenol	17.11	266	151953	72.343	ng		96
71) Phenanthrene	17.51	178	710488	50.835	ng		100
72) Anthracene	17.60	178	700725	50.862	ng		99
73) Carbazole	17.87	167	646952	46.805	ng		99
74) Di-n-butylphthalate	18.41	149	763849	49.229	ng		99
75) Fluoranthene	19.52	202	809753	50.781	ng		99
77) Benzidine	19.71	184	69219	7.854	ng		99
78) Pyrene	19.88	202	816023	49.695	ng		99
80) Butylbenzylphthalate	20.75	149	353195	49.184	ng		98
81) Benzo(a)anthracene	21.73	228	771363	50.823	ng		100
82) 3,3'-Dichlorobenzidine	21.65	252	121557	20.560	ng		97
83) Chrysene	21.80	228	715080	49.242	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	503020	49.119	ng		100
85) Di-n-octyl phthalate	22.84	149	853978	51.545	ng		100
86) Indeno(1,2,3-cd)pyrene	28.89	276	739384	45.844	ng		99
88) Benzo(b)fluoranthene	24.01	252	760302	52.496	ng		99
89) Benzo(k)fluoranthene	24.08	252	730718	51.131	ng		99
90) Benzo(a)pyrene	24.92	252	731864	52.876	ng		98
91) Dibenzo(a,h)anthracene	28.95	278	608592	45.699	ng		97
92) Benzo(g,h,i)perylene	30.08	276	624112	47.132	ng		100

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

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