Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091418\
Data File : BG036726.D
Acq On : 15 Sep 2018 4:31
Operator : JU/SJ
Sample : PB112841BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB112841BSD

Manual Integrations APPROVED
Sohil
9/17/2018 2:36:12 PM

Quant Time: Sep 15 05:53:21 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	8.05	152	58247	20.00	ng		-0.01
21) Naphthalene-d8	10.86	136	260965	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	182555	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	469373	20.00	ng		-0.01
75) Chrysene-d12	21.69	240	466108	20.00	ng		0.00
86) Perylene-d12	24.89	264	483358	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	493867	134.50	ng		0.00
7) Phenol-d6	7.21	99	675729	128.53	ng		0.00
23) Nitrobenzene-d5	9.21	82	418084	86.92	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	317978	145.98	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	1000617	78.26	ng		0.00
78) Terphenyl-d14	20.02	244	1657353	83.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	54634	31.882	ng		99
3) Pyridine	3.92	79	159616	33.184	ng		99
4) n-Nitrosodimethylamine	3.84	42	81414	38.001	ng		92
6) Aniline	7.37	93	243112	36.432	ng		99
8) 2-Chlorophenol	7.62	128	168597	42.340	ng		98
9) Benzaldehyde	7.19	77	95496	26.378	ng		97
10) Phenol	7.24	94	235557	42.816	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	161191	36.957	ng		98
12) 1,3-Dichlorobenzene	7.94	146	171912	37.809	ng		98
13) 1,4-Dichlorobenzene	8.09	146	175375	38.203	ng		99
14) 1,2-Dichlorobenzene	8.41	146	167552	38.218	ng		96
15) Benzyl Alcohol	8.28	79	170762	40.292	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	312457	35.523	ng		99
17) 2-Methylphenol	8.49	107	162823	44.571	ng		99
18) Hexachloroethane	9.14	117	64857	39.406	ng		91
19) n-Nitroso-di-n-propylamine	8.85	70	143528	36.530	ng		94
20) 3+4-Methylphenols	8.81	107	221534	43.436	ng		97
22) Acetophenone	8.87	105	259537	37.873	ng	#	99
24) Nitrobenzene	9.25	77	206392	39.793	ng		95
25) Isophorone	9.78	82	402707	42.147	ng		99
26) 2-Nitrophenol	9.97	139	98527	47.939	ng		97
27) 2,4-Dimethylphenol	10.02	122	177919	46.758	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	230124	39.243	ng		97
29) 2,4-Dichlorophenol	10.50	162	189496	45.441	ng		96
30) 1,2,4-Trichlorobenzene	10.72	180	187175	38.368	ng		98
31) Naphthalene	10.91	128	532136	40.791	ng		99
32) Benzoic acid	10.15	122	88890	33.048	ng		92
33) 4-Chloroaniline	11.01	127	199909	33.441	ng		99
34) Hexachlorobutadiene	11.19	225	124294	37.921	ng		98
35) Caprolactam	11.79	113	74491m	44.841	ng		
36) 4-Chloro-3-methylphenol	12.13	107	216214	44.621	ng		99
37) 2-Methylnaphthalene	12.51	142	424363	44.458	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	242876	37.595	ng		98
40) Hexachlorocyclopentadiene	12.85	237	309071	91.948	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	167386	42.534	ng		99
43) 2,4,5-Trichlorophenol	13.18	196	183463	43.708	ng		97
45) 1,1'-Biphenyl	13.51	154	547273	36.115	ng		97
46) 2-Chloronaphthalene	13.56	162	422082	36.486	ng		99
47) 2-Nitroaniline	13.76	65	158290	43.574	ng		98
48) Acenaphthylene	14.40	152	727507	40.239	ng		99
49) Dimethylphthalate	14.13	163	586464	39.342	ng		99
50) 2,6-Dinitrotoluene	14.25	165	130443	42.526	ng		99
51) Acenaphthene	14.74	154	424680	36.677	ng		99
52) 3-Nitroaniline	14.58	138	117444	35.530	ng		96
53) 2,4-Dinitrophenol	14.78	184	132005	113.616	ng		97
54) Dibenzofuran	15.08	168	691973	38.145	ng		99
55) 4-Nitrophenol	14.88	139	227658	84.234	ng		99
56) 2,4-Dinitrotoluene	15.04	165	188022	47.032	ng		89
57) Fluorene	15.72	166	560353	41.321	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	183936	46.640	ng		96
59) Diethylphthalate	15.49	149	584123	38.882	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	318936	38.087	ng		96
61) 4-Nitroaniline	15.74	138	149327	43.171	ng		95
62) Azobenzene	16.01	77	569711	37.272	ng		98
64) 4,6-Dinitro-2-methylphenol	15.80	198	105351	51.095	ng		96
65) n-Nitrosodiphenylamine	15.93	169	516023	37.000	ng		99
66) 4-Bromophenyl-phenylether	16.60	248	215990	39.304	ng		99
67) Hexachlorobenzene	16.73	284	218395	38.866	ng		95
68) Atrazine	16.87	200	224356	42.858	ng		97
69) Pentachlorophenol	17.07	266	261419	68.451	ng		98
70) Phenanthrene	17.46	178	948858	39.784	ng		98
71) Anthracene	17.55	178	963518	40.527	ng		99
72) Carbazole	17.82	167	859804	36.213	ng		99
73) Di-n-butylphthalate	18.38	149	982906	37.175	ng		99
74) Fluoranthene	19.47	202	1142011	39.274	ng		99
76) Benzidine	19.64	184	775647	52.159	ng		100
77) Pyrene	19.83	202	1119213	39.047	ng		98
79) Butylbenzylphthalate	20.71	149	445610	39.065	ng		97
80) Benzo(a)anthracene	21.66	228	1131077	40.056	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	330622	29.379	ng		98
82) Chrysene	21.73	228	1055224	39.425	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	609727	38.198	ng		99
84) Di-n-octyl phthalate	22.78	149	1029363	38.608	ng		97
85) Indeno(1,2,3-cd)pyrene	28.54	276	1277680	41.099	ng	#	95
87) Benzo(b)fluoranthene	23.87	252	1116765	41.607	ng		97
88) Benzo(k)fluoranthene	23.94	252	1064656	40.601	ng		98
89) Benzo(a)pyrene	24.74	252	1081680	41.938	ng		99
90) Dibenzo(a,h)anthracene	28.60	278	1027050	41.247	ng		97
91) Benzo(g,h,i)perylene	29.68	276	1064175	42.529	ng		97

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

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