Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
Data File : BG036512.D
Acq On : 31 Aug 2018 19:08
Operator : JU/SJ
Sample : PB112535BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB112535BS

Manual Integrations APPROVED
Sohil
9/4/2018 4:39:29 PM

Quant Time: Sep 01 01:22:06 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	60247	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	253132	20.00	ng		0.00
38) Acenaphthene-d10	14.69	164	167786	20.00	ng		0.00
63) Phenanthrene-d10	17.43	188	438746	20.00	ng		0.00
75) Chrysene-d12	21.70	240	439604	20.00	ng		0.00
86) Perylene-d12	24.90	264	460407	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	465215	122.49	ng		0.00
7) Phenol-d6	7.22	99	647361	119.05	ng		0.00
23) Nitrobenzene-d5	9.22	82	380177	81.49	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	275662	137.69	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	904423	76.96	ng		0.00
78) Terphenyl-d14	20.03	244	1524045	81.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	55008	31.035	ng		97
3) Pyridine	3.92	79	165756	33.316	ng		97
4) n-Nitrosodimethylamine	3.84	42	83806	37.819	ng		88
6) Aniline	7.38	93	263645	38.197	ng		96
8) 2-Chlorophenol	7.62	128	175436	42.595	ng		98
9) Benzaldehyde	7.20	77	96493	25.769	ng		98
10) Phenol	7.24	94	246039	43.237	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	170611	37.818	ng		96
12) 1,3-Dichlorobenzene	7.95	146	177814	37.809	ng		99
13) 1,4-Dichlorobenzene	8.09	146	180049	37.919	ng		98
14) 1,2-Dichlorobenzene	8.42	146	173260	38.208	ng		100
15) Benzyl Alcohol	8.29	79	175167	39.960	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	312773	34.378	ng		99
17) 2-Methylphenol	8.49	107	167282	44.272	ng		99
18) Hexachloroethane	9.15	117	65846	38.679	ng		96
19) n-Nitroso-di-n-propylamine	8.86	70	145114	35.707	ng		91
20) 3+4-Methylphenols	8.82	107	230327	43.661	ng		98
22) Acetophenone	8.88	105	274477	41.293	ng	#	95
24) Nitrobenzene	9.26	77	210149	41.772	ng		94
25) Isophorone	9.79	82	406790	43.891	ng		99
26) 2-Nitrophenol	9.97	139	95580	47.944	ng		97
27) 2,4-Dimethylphenol	10.03	122	187791	50.880	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	239587	42.121	ng		98
29) 2,4-Dichlorophenol	10.51	162	196547	48.590	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	196234	41.469	ng		99
31) Naphthalene	10.91	128	553485	43.741	ng		99
32) Benzoic acid	10.16	122	109732	40.838	ng		96
33) 4-Chloroaniline	11.02	127	224710	38.753	ng		98
34) Hexachlorobutadiene	11.20	225	128535	40.428	ng		96
35) Caprolactam	11.79	113	71661m	44.472	ng		
36) 4-Chloro-3-methylphenol	12.13	107	216051	45.967	ng		99
37) 2-Methylnaphthalene	12.52	142	437245	47.225	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	247972	41.762	ng		98
40) Hexachlorocyclopentadiene	12.86	237	311917	100.963	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	168552	46.600	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	183525	47.571	ng		99
45) 1,1'-Biphenyl	13.52	154	566153	40.650	ng		98
46) 2-Chloronaphthalene	13.56	162	437615	41.158	ng		99
47) 2-Nitroaniline	13.76	65	154977	46.417	ng		95
48) Acenaphthylene	14.41	152	739590	44.508	ng		99
49) Dimethylphthalate	14.14	163	585445	42.731	ng		98
50) 2,6-Dinitrotoluene	14.25	165	131311	46.577	ng		90
51) Acenaphthene	14.75	154	484298	45.507	ng		99
52) 3-Nitroaniline	14.59	138	129550	42.642	ng	#	94
53) 2,4-Dinitrophenol	14.79	184	102794	96.262	ng		96
54) Dibenzofuran	15.09	168	709985	42.583	ng		99
55) 4-Nitrophenol	14.89	139	218566	87.989	ng		98
56) 2,4-Dinitrotoluene	15.04	165	186349	50.717	ng		88
57) Fluorene	15.73	166	568305	45.596	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	185200	51.094	ng		95
59) Diethylphthalate	15.50	149	582263	42.170	ng		99
60) 4-Chlorophenyl-phenylether	15.72	204	324127	42.114	ng		96
61) 4-Nitroaniline	15.75	138	148619	46.748	ng		95
62) Azobenzene	16.01	77	564859	40.207	ng		98
64) 4,6-Dinitro-2-methylphenol	15.80	198	89829	46.608	ng		92
65) n-Nitrosodiphenylamine	15.94	169	525018	40.272	ng		98
66) 4-Bromophenyl-phenylether	16.62	248	215185	41.891	ng		98
67) Hexachlorobenzene	16.73	284	218652	41.628	ng		99
68) Atrazine	16.88	200	216793	44.304	ng		100
69) Pentachlorophenol	17.07	266	273427	76.593	ng		98
70) Phenanthrene	17.47	178	966002	43.330	ng		99
71) Anthracene	17.56	178	986127	44.374	ng		98
72) Carbazole	17.83	167	876151	39.477	ng		100
73) Di-n-butylphthalate	18.39	149	992901	40.175	ng		99
74) Fluoranthene	19.47	202	1192808	43.884	ng		99
76) Benzidine	19.65	184	821371	58.563	ng		99
77) Pyrene	19.83	202	1172189	43.361	ng		98
79) Butylbenzylphthalate	20.72	149	462020	42.945	ng		95
80) Benzo(a)anthracene	21.67	228	1177751	44.223	ng		97
81) 3,3'-Dichlorobenzidine	21.59	252	380387	35.839	ng		97
82) Chrysene	21.74	228	1089032	43.141	ng		97
83) Bis(2-ethylhexyl)phthalate	21.58	149	628837	41.770	ng		99
84) Di-n-octyl phthalate	22.80	149	1076609	42.814	ng		96
85) Indeno(1,2,3-cd)pyrene	28.55	276	1252333	42.713	ng		99
87) Benzo(b)fluoranthene	23.89	252	1194944	46.739	ng		97
88) Benzo(k)fluoranthene	23.96	252	1111951	44.519	ng		98
89) Benzo(a)pyrene	24.76	252	1137961	46.320	ng		100
90) Dibenzo(a,h)anthracene	28.62	278	1025116	43.222	ng		98
91) Benzo(g,h,i)perylene	29.70	276	1039003	43.593	ng		97

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

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