Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092718\
Data File : BG037047.D
Acq On : 28 Sep 2018 12:47
Operator : JU/SJ
Sample : PB113326BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113326BS

Manual Integrations APPROVED
Sohil
9/28/2018 4:24:39 PM

Quant Time: Sep 28 14:07:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42260	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	193697	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	124531	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	322930	20.00	ng		0.00
75) Chrysene-d12	21.68	240	329674	20.00	ng		0.00
86) Perylene-d12	24.88	264	321068	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	299177	135.77	ng		0.00
7) Phenol-d6	7.20	99	416176	122.07	ng		0.00
23) Nitrobenzene-d5	9.20	82	260255	71.95	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	163576	109.79	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	579905	69.36	ng		0.00
78) Terphenyl-d14	20.02	244	989744	78.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	43237	42.880	ng		99
3) Pyridine	3.91	79	110043	37.797	ng		96
4) n-Nitrosodimethylamine	3.83	42	65462	50.588	ng	#	97
6) Aniline	7.37	93	151668	34.284	ng		98
8) 2-Chlorophenol	7.61	128	120102	46.940	ng		96
9) Benzaldehyde	7.18	77	61045	27.097	ng		95
10) Phenol	7.23	94	165584	47.060	ng		93
11) bis(2-Chloroethyl)ether	7.46	93	121708	37.394	ng		97
12) 1,3-Dichlorobenzene	7.93	146	125615	40.045	ng		97
13) 1,4-Dichlorobenzene	8.08	146	128652	40.077	ng		96
14) 1,2-Dichlorobenzene	8.40	146	124522	40.029	ng		94
15) Benzyl Alcohol	8.28	79	112943	40.827	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	265821	42.541	ng		98
17) 2-Methylphenol	8.48	107	106586	43.488	ng		95
18) Hexachloroethane	9.12	117	49809	42.164	ng		99
19) n-Nitroso-di-n-propylamine	8.84	70	106212	37.449	ng		98
20) 3+4-Methylphenols	8.81	107	148307	43.496	ng		99
22) Acetophenone	8.87	105	183293	40.268	ng	#	97
24) Nitrobenzene	9.24	77	154830	40.084	ng		98
25) Isophorone	9.76	82	297254	44.976	ng		99
26) 2-Nitrophenol	9.95	139	66701	43.323	ng		98
27) 2,4-Dimethylphenol	10.01	122	113957	47.516	ng		95
28) bis(2-Chloroethoxy)methane	10.25	93	166078	40.724	ng		99
29) 2,4-Dichlorophenol	10.49	162	125328	45.079	ng		94
30) 1,2,4-Trichlorobenzene	10.70	180	131327	37.746	ng		98
31) Naphthalene	10.89	128	387270	42.020	ng		98
32) Benzoic acid	10.16	122	48864	29.188	ng		91
33) 4-Chloroaniline	11.00	127	107133	25.567	ng		99
34) Hexachlorobutadiene	11.17	225	87987	36.569	ng		96
35) Caprolactam	11.78	113	48182m	42.107	ng		
36) 4-Chloro-3-methylphenol	12.12	107	147976	44.607	ng		97
37) 2-Methylnaphthalene	12.50	142	294950	42.020	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	163732	37.697	ng		98
40) Hexachlorocyclopentadiene	12.84	237	182398	81.652	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	104945	43.511	ng		98
43) 2,4,5-Trichlorophenol	13.17	196	114918	44.683	ng		98
45) 1,1'-Biphenyl	13.50	154	381122	39.961	ng		98
46) 2-Chloronaphthalene	13.54	162	291908	38.920	ng		98
47) 2-Nitroaniline	13.75	65	115073	44.357	ng		98
48) Acenaphthylene	14.39	152	496322	42.229	ng		99
49) Dimethylphthalate	14.12	163	402639	40.168	ng		100
50) 2,6-Dinitrotoluene	14.24	165	88101	40.283	ng		99
51) Acenaphthene	14.73	154	281795	39.671	ng		100
52) 3-Nitroaniline	14.58	138	74426	32.295	ng		98
53) 2,4-Dinitrophenol	14.78	184	75505	74.272	ng		94
54) Dibenzofuran	15.06	168	475605	39.584	ng		99
55) 4-Nitrophenol	14.88	139	142473	96.771	ng		94
56) 2,4-Dinitrotoluene	15.03	165	126612	41.488	ng		95
57) Fluorene	15.71	166	386037	42.987	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.29	232	119230	45.700	ng		99
59) Diethylphthalate	15.48	149	407692	40.325	ng		99
60) 4-Chlorophenyl-phenylether	15.70	204	210014	36.927	ng		98
61) 4-Nitroaniline	15.74	138	97644	40.280	ng		98
62) Azobenzene	16.00	77	418546	43.085	ng		98
64) 4,6-Dinitro-2-methylphenol	15.79	198	70359	41.674	ng		94
65) n-Nitrosodiphenylamine	15.92	169	349021	39.149	ng		97
66) 4-Bromophenyl-phenylether	16.60	248	135087	36.777	ng		96
67) Hexachlorobenzene	16.72	284	134865	35.649	ng		96
68) Atrazine	16.87	200	140861	39.022	ng		99
69) Pentachlorophenol	17.06	266	164876	69.222	ng		98
70) Phenanthrene	17.46	178	652058	41.901	ng		98
71) Anthracene	17.54	178	665071	43.221	ng		99
72) Carbazole	17.81	167	597904	39.852	ng		99
73) Di-n-butylphthalate	18.37	149	704889	42.307	ng		99
74) Fluoranthene	19.46	202	805074	42.978	ng		99
76) Benzidine	19.64	184	319021	32.011	ng		99
77) Pyrene	19.82	202	790248	39.945	ng		99
79) Butylbenzylphthalate	20.70	149	337092	42.749	ng		97
80) Benzo(a)anthracene	21.66	228	793129	41.213	ng		99
81) 3,3'-Dichlorobenzidine	21.57	252	216092	29.500	ng		98
82) Chrysene	21.73	228	749608	40.314	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	466614	42.359	ng		98
84) Di-n-octyl phthalate	22.76	149	791714	43.651	ng		100
85) Indeno(1,2,3-cd)pyrene	28.53	276	875234	43.834	ng	#	93
87) Benzo(b)fluoranthene	23.87	252	786865	45.987	ng		98
88) Benzo(k)fluoranthene	23.94	252	752663	43.845	ng		99
89) Benzo(a)pyrene	24.74	252	750419	45.364	ng		99
90) Dibenzo(a,h)anthracene	28.58	278	714967	46.117	ng		99
91) Benzo(g,h,i)perylene	29.66	276	723222	46.482	ng		98

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

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