Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100518\
Data File : BG037187.D
Acq On : 5 Oct 2018 13:13
Operator : JU/SJ
Sample : PB113493BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB113493BS

Manual Integrations APPROVED
Sohil
10/5/2018 3:17:30 PM

Quant Time: Oct 05 14:43:02 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	8.03	152	39539	20.00	ng		-0.02
21) Naphthalene-d8	10.83	136	179322	20.00	ng		-0.02
38) Acenaphthene-d10	14.66	164	124186	20.00	ng		-0.02
63) Phenanthrene-d10	17.40	188	326998	20.00	ng		-0.02
75) Chrysene-d12	21.67	240	336427	20.00	ng		-0.02
86) Perylene-d12	24.86	264	323419	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	276923	134.32	ng		-0.01
7) Phenol-d6	7.20	99	382898	120.04	ng		-0.02
23) Nitrobenzene-d5	9.19	82	248135	74.10	ng		-0.02
41) 2,4,6-Tribromophenol	16.15	330	169835	114.30	ng		-0.02
44) 2-Fluorobiphenyl	13.28	172	565218	67.79	ng		-0.02
78) Terphenyl-d14	20.01	244	1013960	79.25	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	40530	42.962	ng		98
3) Pyridine	3.90	79	107582	39.494	ng		96
4) n-Nitrosodimethylamine	3.82	42	63277	52.265	ng	#	96
6) Aniline	7.35	93	138516	33.466	ng		96
8) 2-Chlorophenol	7.59	128	110966	46.354	ng		97
9) Benzaldehyde	7.17	77	50858	24.129	ng		98
10) Phenol	7.22	94	155819	47.332	ng		95
11) bis(2-Chloroethyl)ether	7.45	93	108310	35.568	ng		96
12) 1,3-Dichlorobenzene	7.92	146	116378	39.653	ng		98
13) 1,4-Dichlorobenzene	8.06	146	119792	39.885	ng		99
14) 1,2-Dichlorobenzene	8.38	146	111981	38.474	ng		98
15) Benzyl Alcohol	8.27	79	103877	40.134	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.55	45	243119	41.585	ng		99
17) 2-Methylphenol	8.47	107	100121	43.661	ng		97
18) Hexachloroethane	9.11	117	47340	42.832	ng		95
19) n-Nitroso-di-n-propylamine	8.83	70	101638	38.302	ng		96
20) 3+4-Methylphenols	8.80	107	144494	45.294	ng		99
22) Acetophenone	8.85	105	173321	41.130	ng		96
24) Nitrobenzene	9.23	77	146850	41.065	ng		99
25) Isophorone	9.76	82	287073	46.918	ng		99
26) 2-Nitrophenol	9.95	139	63308	44.415	ng		98
27) 2,4-Dimethylphenol	10.00	122	112948	50.870	ng		97
28) bis(2-Chloroethoxy)methane	10.24	93	160772	42.583	ng		97
29) 2,4-Dichlorophenol	10.49	162	122552	47.614	ng		96
30) 1,2,4-Trichlorobenzene	10.70	180	120946	37.549	ng		99
31) Naphthalene	10.88	128	361402	42.357	ng		99
32) Benzoic acid	10.16	122	55331	34.402	ng		94
33) 4-Chloroaniline	11.00	127	105918	27.303	ng		96
34) Hexachlorobutadiene	11.17	225	80851	36.297	ng		97
35) Caprolactam	11.77	113	46968m	44.336	ng		
36) 4-Chloro-3-methylphenol	12.11	107	147751	48.110	ng		99
37) 2-Methylnaphthalene	12.48	142	282257	43.435	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	155710	35.949	ng		99
40) Hexachlorocyclopentadiene	12.83	237	155642	69.868	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	104867	43.599	ng		96
43) 2,4,5-Trichlorophenol	13.17	196	115161	44.902	ng		98
45) 1,1'-Biphenyl	13.49	154	369016	38.799	ng		97
46) 2-Chloronaphthalene	13.53	162	283249	37.870	ng		97
47) 2-Nitroaniline	13.74	65	117218	45.310	ng		98
48) Acenaphthylene	14.38	152	498018	42.491	ng		99
49) Dimethylphthalate	14.11	163	407093	40.725	ng		99
50) 2,6-Dinitrotoluene	14.23	165	90574	41.529	ng		98
51) Acenaphthene	14.72	154	282670	39.905	ng		98
52) 3-Nitroaniline	14.57	138	74101	32.243	ng		97
53) 2,4-Dinitrophenol	14.77	184	80913	79.242	ng		90
54) Dibenzofuran	15.06	168	479290	40.002	ng		100
55) 4-Nitrophenol	14.87	139	144387	98.343	ng		96
56) 2,4-Dinitrotoluene	15.02	165	132385	43.500	ng		94
57) Fluorene	15.70	166	390706	43.628	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	117718	45.246	ng		97
59) Diethylphthalate	15.47	149	419100	41.569	ng		99
60) 4-Chlorophenyl-phenylether	15.70	204	212183	37.412	ng		98
61) 4-Nitroaniline	15.73	138	101708	42.073	ng		98
62) Azobenzene	15.99	77	434034	44.804	ng		99
64) 4,6-Dinitro-2-methylphenol	15.79	198	68847	40.271	ng		92
65) n-Nitrosodiphenylamine	15.91	169	360683	39.954	ng		96
66) 4-Bromophenyl-phenylether	16.59	248	138568	37.255	ng		96
67) Hexachlorobenzene	16.71	284	139485	36.412	ng		98
68) Atrazine	16.86	200	145907	39.917	ng		98
69) Pentachlorophenol	17.05	266	161717	67.051	ng		96
70) Phenanthrene	17.45	178	665670	42.244	ng		98
71) Anthracene	17.54	178	687484	44.122	ng		100
72) Carbazole	17.81	167	615674	40.526	ng		98
73) Di-n-butylphthalate	18.36	149	725022	42.974	ng		98
74) Fluoranthene	19.45	202	823683	43.425	ng		99
76) Benzidine	19.63	184	285914	28.113	ng		99
77) Pyrene	19.82	202	804440	39.847	ng		99
79) Butylbenzylphthalate	20.70	149	341453	42.433	ng		98
80) Benzo(a)anthracene	21.65	228	805890	41.036	ng		98
81) 3,3'-Dichlorobenzidine	21.57	252	225482	30.164	ng		97
82) Chrysene	21.71	228	773142	40.745	ng		99
83) Bis(2-ethylhexyl)phthalate	21.55	149	479029	42.613	ng		99
84) Di-n-octyl phthalate	22.75	149	816065	44.091	ng		99
85) Indeno(1,2,3-cd)pyrene	28.51	276	889380	43.648	ng	#	93
87) Benzo(b)fluoranthene	23.85	252	796784	46.228	ng		98
88) Benzo(k)fluoranthene	23.92	252	759878	43.944	ng		99
89) Benzo(a)pyrene	24.72	252	763579	45.824	ng		99
90) Dibenzo(a,h)anthracene	28.57	278	716663	45.890	ng		99
91) Benzo(g,h,i)perylene	29.64	276	741349	47.300	ng		98

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

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