Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092418\
Data File : BG036919.D
Acq On : 24 Sep 2018 15:56
Operator : JU/SJ
Sample : PB113129BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB113129BS

Manual Integrations APPROVED
Sohil
9/25/2018 10:57:23 AM

Quant Time: Sep 24 16:38:32 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	37108	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	180472	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	119983	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	313403	20.00	ng		0.00
75) Chrysene-d12	21.68	240	316389	20.00	ng		0.00
86) Perylene-d12	24.89	264	327930	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	268111	138.56	ng		0.00
7) Phenol-d6	7.20	99	377238	126.01	ng		0.00
23) Nitrobenzene-d5	9.21	82	234340	69.54	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	164627	114.68	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	569712	70.72	ng		0.00
78) Terphenyl-d14	20.02	244	1008519	83.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	36915	41.693	ng		98
3) Pyridine	3.91	79	97434	38.112	ng		99
4) n-Nitrosodimethylamine	3.83	42	52790	46.460	ng	#	98
6) Aniline	7.37	93	138678	35.700	ng		100
8) 2-Chlorophenol	7.61	128	111354	49.563	ng		97
9) Benzaldehyde	7.19	77	55109	27.858	ng		96
10) Phenol	7.23	94	154033	49.855	ng		95
11) bis(2-Chloroethyl)ether	7.46	93	107344	37.560	ng		99
12) 1,3-Dichlorobenzene	7.93	146	111556	40.501	ng		97
13) 1,4-Dichlorobenzene	8.08	146	112382	39.869	ng		99
14) 1,2-Dichlorobenzene	8.40	146	110839	40.577	ng		98
15) Benzyl Alcohol	8.28	79	101484	41.778	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	222655	40.580	ng		98
17) 2-Methylphenol	8.48	107	102148	47.463	ng		97
18) Hexachloroethane	9.13	117	43845	42.268	ng		97
19) n-Nitroso-di-n-propylamine	8.84	70	96842	38.886	ng		98
20) 3+4-Methylphenols	8.81	107	136314	45.529	ng		99
22) Acetophenone	8.87	105	167318	39.452	ng	#	98
24) Nitrobenzene	9.25	77	143728	39.936	ng		99
25) Isophorone	9.77	82	272967	44.328	ng		98
26) 2-Nitrophenol	9.96	139	59205	41.272	ng		96
27) 2,4-Dimethylphenol	10.01	122	110630	49.509	ng		97
28) bis(2-Chloroethoxy)methane	10.25	93	156408	41.163	ng		100
29) 2,4-Dichlorophenol	10.49	162	119619	46.178	ng		97
30) 1,2,4-Trichlorobenzene	10.71	180	121902	37.604	ng		98
31) Naphthalene	10.90	128	353884	41.212	ng		100
32) Benzoic acid	10.15	122	47566	30.234	ng		95
33) 4-Chloroaniline	11.01	127	92032	23.572	ng		97
34) Hexachlorobutadiene	11.18	225	81770	36.475	ng		97
35) Caprolactam	11.78	113	44641m	41.871	ng		
36) 4-Chloro-3-methylphenol	12.12	107	133548	43.208	ng		95
37) 2-Methylnaphthalene	12.50	142	281937	43.110	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	158455	37.865	ng		98
40) Hexachlorocyclopentadiene	12.84	237	197458	91.745	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	101858	43.832	ng		99
43) 2,4,5-Trichlorophenol	13.18	196	114797	46.328	ng		99
45) 1,1'-Biphenyl	13.50	154	372991	40.591	ng		96
46) 2-Chloronaphthalene	13.55	162	284420	39.359	ng		100
47) 2-Nitroaniline	13.76	65	104631	41.861	ng		99
48) Acenaphthylene	14.39	152	488588	43.147	ng		99
49) Dimethylphthalate	14.13	163	391880	40.576	ng		100
50) 2,6-Dinitrotoluene	14.24	165	86730	41.160	ng		100
51) Acenaphthene	14.74	154	277423	40.536	ng		99
52) 3-Nitroaniline	14.58	138	66866	30.114	ng	#	94
53) 2,4-Dinitrophenol	14.78	184	69685	71.467	ng		92
54) Dibenzofuran	15.07	168	467885	40.418	ng		99
55) 4-Nitrophenol	14.88	139	134310	94.684	ng		98
56) 2,4-Dinitrotoluene	15.03	165	125141	42.561	ng		92
57) Fluorene	15.72	166	380483	43.974	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.29	232	117089	46.580	ng		96
59) Diethylphthalate	15.48	149	395976	40.651	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	215074	39.251	ng		98
61) 4-Nitroaniline	15.74	138	92089	39.428	ng		96
62) Azobenzene	16.00	77	395640	42.271	ng		98
64) 4,6-Dinitro-2-methylphenol	15.79	198	64790	39.542	ng		97
65) n-Nitrosodiphenylamine	15.92	169	344222	39.784	ng		97
66) 4-Bromophenyl-phenylether	16.60	248	138287	38.792	ng		99
67) Hexachlorobenzene	16.72	284	139287	37.938	ng		97
68) Atrazine	16.87	200	141961	40.522	ng		99
69) Pentachlorophenol	17.06	266	157490	68.131	ng		98
70) Phenanthrene	17.46	178	647750	42.890	ng		99
71) Anthracene	17.55	178	666204	44.611	ng		99
72) Carbazole	17.82	167	589320	40.474	ng		96
73) Di-n-butylphthalate	18.37	149	682330	42.198	ng		98
74) Fluoranthene	19.47	202	816162	44.895	ng		99
76) Benzidine	19.65	184	376073	39.320	ng		98
77) Pyrene	19.82	202	797140	41.986	ng		99
79) Butylbenzylphthalate	20.71	149	312535	41.299	ng		98
80) Benzo(a)anthracene	21.66	228	791933	42.879	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	188881	26.868	ng		99
82) Chrysene	21.73	228	737509	41.329	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	426422	40.336	ng		100
84) Di-n-octyl phthalate	22.77	149	721717	41.463	ng		98
85) Indeno(1,2,3-cd)pyrene	28.54	276	857236	44.735	ng	#	94
87) Benzo(b)fluoranthene	23.87	252	751286	42.989	ng		98
88) Benzo(k)fluoranthene	23.94	252	747725	42.646	ng		99
89) Benzo(a)pyrene	24.74	252	735093	43.508	ng		100
90) Dibenzo(a,h)anthracene	28.60	278	696963	44.015	ng		98
91) Benzo(g,h,i)perylene	29.68	276	712881	44.858	ng		98

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

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