Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092118\
Data File : BG036858.D
Acq On : 21 Sep 2018 14:44
Operator : JU/SJ
Sample : PB113056BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB113056BS

Manual Integrations APPROVED
Sohil
9/24/2018 9:29:33 AM

Quant Time: Sep 21 17:05:14 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 20:07:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	36419	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	172188	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	123977	20.00	ng		0.00
63) Phenanthrene-d10	17.43	188	356092	20.00	ng		0.00
75) Chrysene-d12	21.69	240	360742	20.00	ng		0.00
86) Perylene-d12	24.91	264	372998	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	310193	163.34	ng		0.00
7) Phenol-d6	7.21	99	429445	146.16	ng		0.00
23) Nitrobenzene-d5	9.21	82	273323	85.00	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	220229	148.47	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	688414	82.70	ng		0.00
78) Terphenyl-d14	20.03	244	1331321	97.04	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	37882	43.595	ng		94
3) Pyridine	3.92	79	96960	38.644	ng		99
4) n-Nitrosodimethylamine	3.83	42	54637	48.995	ng	#	96
6) Aniline	7.37	93	146121	38.328	ng		99
8) 2-Chlorophenol	7.61	128	107571	48.785	ng		94
9) Benzaldehyde	7.19	77	46815	24.113	ng		97
10) Phenol	7.24	94	148444	48.955	ng		95
11) bis(2-Chloroethyl)ether	7.47	93	114131	40.690	ng		99
12) 1,3-Dichlorobenzene	7.94	146	112893	41.761	ng		99
13) 1,4-Dichlorobenzene	8.08	146	112760	40.760	ng		99
14) 1,2-Dichlorobenzene	8.40	146	108317	40.404	ng		94
15) Benzyl Alcohol	8.29	79	100218	42.038	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	215800	40.074	ng		97
17) 2-Methylphenol	8.49	107	99067	46.903	ng		98
18) Hexachloroethane	9.13	117	42231	41.483	ng		95
19) n-Nitroso-di-n-propylamine	8.85	70	94607	38.707	ng	#	94
20) 3+4-Methylphenols	8.82	107	137544	46.809	ng		98
22) Acetophenone	8.87	105	161744	39.973	ng		97
24) Nitrobenzene	9.25	77	138210	40.251	ng		97
25) Isophorone	9.78	82	270776	46.088	ng		97
26) 2-Nitrophenol	9.96	139	57241	41.822	ng		97
27) 2,4-Dimethylphenol	10.02	122	112697	52.860	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	156847	43.264	ng		100
29) 2,4-Dichlorophenol	10.50	162	119647	48.411	ng		93
30) 1,2,4-Trichlorobenzene	10.72	180	124390	40.218	ng		97
31) Naphthalene	10.90	128	355846	43.434	ng		100
32) Benzoic acid	10.17	122	42987	28.945	ng		95
33) 4-Chloroaniline	11.02	127	105336	28.278	ng		98
34) Hexachlorobutadiene	11.19	225	82433	38.540	ng		98
35) Caprolactam	11.79	113	49786m	48.943	ng		
36) 4-Chloro-3-methylphenol	12.13	107	142441	48.302	ng		98
37) 2-Methylnaphthalene	12.51	142	289777	46.440	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	161724	37.401	ng		98
40) Hexachlorocyclopentadiene	12.85	237	218379	98.197	ng		96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	108479	45.177 ng	98
43) 2,4,5-Trichlorophenol	13.18	196	117518	45.898 ng	97
45) 1,1'-Biphenyl	13.51	154	378481	39.862 ng	97
46) 2-Chloronaphthalene	13.55	162	294318	39.416 ng	99
47) 2-Nitroaniline	13.76	65	110897	42.939 ng	95
48) Acenaphthylene	14.40	152	518291	44.296 ng	98
49) Dimethylphthalate	14.13	163	432954	43.385 ng	98
50) 2,6-Dinitrotoluene	14.25	165	94578	43.438 ng	94
51) Acenaphthene	14.74	154	294591	41.658 ng	99
52) 3-Nitroaniline	14.59	138	72820	31.739 ng	98
53) 2,4-Dinitrophenol	14.79	184	103564	99.438 ng	94
54) Dibenzofuran	15.08	168	499261	41.739 ng	100
55) 4-Nitrophenol	14.89	139	150302	102.545 ng	95
56) 2,4-Dinitrotoluene	15.04	165	140487	46.240 ng	90
57) Fluorene	15.73	166	412345	46.122 ng	98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	127574	49.116 ng	96
59) Diethylphthalate	15.49	149	446294	44.341 ng	99
60) 4-Chlorophenyl-phenylether	15.72	204	235395	41.575 ng	97
61) 4-Nitroaniline	15.75	138	109815	45.503 ng	99
62) Azobenzene	16.01	77	430155	44.478 ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	81831	43.955 ng	97
65) n-Nitrosodiphenylamine	15.93	169	378861	38.539 ng	98
66) 4-Bromophenyl-phenylether	16.61	248	156552	38.651 ng	99
67) Hexachlorobenzene	16.73	284	161306	38.668 ng	98
68) Atrazine	16.88	200	177107	44.493 ng	99
69) Pentachlorophenol	17.07	266	189302	72.076 ng	97
70) Phenanthrene	17.47	178	737080	42.954 ng	99
71) Anthracene	17.56	178	748056	44.087 ng	99
72) Carbazole	17.83	167	678127	40.990 ng	98
73) Di-n-butylphthalate	18.38	149	792831	43.153 ng	99
74) Fluoranthene	19.47	202	929609	45.005 ng	99
76) Benzidine	19.65	184	483357	44.324 ng	98
77) Pyrene	19.83	202	913787	42.212 ng	100
79) Butylbenzylphthalate	20.72	149	348901	40.436 ng	94
80) Benzo(a)anthracene	21.67	228	895301	42.516 ng	99
81) 3,3'-Dichlorobenzidine	21.59	252	232436	28.998 ng	98
82) Chrysene	21.74	228	826602	40.626 ng	100
83) Bis(2-ethylhexyl)phthalate	21.57	149	487727	40.462 ng	99
84) Di-n-octyl phthalate	22.78	149	827569	41.699 ng	97
85) Indeno(1,2,3-cd)pyrene	28.57	276	1001164	45.822 ng	99
87) Benzo(b)fluoranthene	23.88	252	874665	44.002 ng	98
88) Benzo(k)fluoranthene	23.95	252	856785	42.962 ng	98
89) Benzo(a)pyrene	24.76	252	858053	44.649 ng	99
90) Dibenzo(a,h)anthracene	28.64	278	814314	45.212 ng	97
91) Benzo(g,h,i)perylene	29.72	276	825501	45.669 ng	97

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

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