Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
Data File : BG035748.D
Acq On : 19 Jul 2018 11:26
Operator : JU/SJ
Sample : PB111228BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111228BS

Manual Integrations APPROVED
Sohil
7/19/2018 3:45:30 PM

Quant Time: Jul 19 14:36:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 18 17:45:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	44204	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	160735	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	116276	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	306017	20.00	ng		0.00
75) Chrysene-d12	21.67	240	330546	20.00	ng		0.00
86) Perylene-d12	24.88	264	322990	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	274144	102.96	ng		0.00
7) Phenol-d6	7.21	99	396411	99.79	ng		0.00
23) Nitrobenzene-d5	9.20	82	379766	98.70	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	169501	110.60	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	891769	102.75	ng		0.00
78) Terphenyl-d14	20.01	244	1422683	94.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	44423	32.781	ng	#	74
3) Pyridine	3.92	79	124908	35.308	ng	#	74
4) n-Nitrosodimethylamine	3.84	42	59577	39.221	ng	#	79
6) Aniline	7.37	93	107539	20.886	ng		91
8) 2-Chlorophenol	7.61	128	133751	49.393	ng		94
9) Benzaldehyde	7.18	77	71756	29.439	ng		97
10) Phenol	7.23	94	201793	50.280	ng		96
11) bis(2-Chloroethyl)ether	7.45	93	130010	41.365	ng		93
12) 1,3-Dichlorobenzene	7.92	146	144383	44.153	ng		93
13) 1,4-Dichlorobenzene	8.07	146	146045	43.956	ng		97
14) 1,2-Dichlorobenzene	8.39	146	138362	43.348	ng		100
15) Benzyl Alcohol	8.28	79	152356	42.235	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.57	45	153083	58.095	ng		80
17) 2-Methylphenol	8.48	107	132400	48.522	ng	#	89
18) Hexachloroethane	9.12	117	53027	41.741	ng		85
19) n-Nitroso-di-n-propylamine	8.84	70	127534	38.125	ng	#	81
20) 3+4-Methylphenols	8.81	107	186597	49.294	ng		90
22) Acetophenone	8.86	105	228750	45.765	ng	#	91
24) Nitrobenzene	9.24	77	180104	46.544	ng		96
25) Isophorone	9.76	82	363213	50.852	ng		100
26) 2-Nitrophenol	9.95	139	77548	56.428	ng	#	82
27) 2,4-Dimethylphenol	10.01	122	140255	60.292	ng		89
28) bis(2-Chloroethoxy)methane	10.24	93	195175	49.590	ng		99
29) 2,4-Dichlorophenol	10.49	162	156266	58.847	ng		95
30) 1,2,4-Trichlorobenzene	10.70	180	162249	49.828	ng		93
31) Naphthalene	10.89	128	400536	47.837	ng		98
32) Benzoic acid	10.16	122	38769	24.756	ng		96
33) 4-Chloroaniline	11.00	127	53235	14.588	ng		96
34) Hexachlorobutadiene	11.17	225	123067	48.468	ng		95
35) Caprolactam	11.78	113	53187m	46.673	ng		
36) 4-Chloro-3-methylphenol	12.12	107	196199	55.121	ng		97
37) 2-Methylnaphthalene	12.49	142	324594	52.036	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	215054	49.002	ng		97
40) Hexachlorocyclopentadiene	12.84	237	283628	123.231	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	147651	57.530	ng		99
43) 2,4,5-Trichlorophenol	13.18	196	158232	55.111	ng		98
45) 1,1'-Biphenyl	13.49	154	450139	49.933	ng		98
46) 2-Chloronaphthalene	13.54	162	358900	51.183	ng		99
47) 2-Nitroaniline	13.75	65	123968	50.007	ng		96
48) Acenaphthylene	14.39	152	591013	50.316	ng		97
49) Dimethylphthalate	14.12	163	497325	48.817	ng		99
50) 2,6-Dinitrotoluene	14.23	165	114504	55.194	ng		94
51) Acenaphthene	14.73	154	346915	47.412	ng		99
52) 3-Nitroaniline	14.57	138	41291	19.474	ng	#	94
53) 2,4-Dinitrophenol	14.78	184	11167	16.189	ng	#	64
54) Dibenzofuran	15.06	168	580632	49.896	ng		93
55) 4-Nitrophenol	14.89	139	151427	100.281	ng	#	86
56) 2,4-Dinitrotoluene	15.02	165	164657	55.324	ng		88
57) Fluorene	15.71	166	487773	50.011	ng		94
58) 2,3,4,6-Tetrachlorophenol	15.29	232	150315	54.604	ng		95
59) Diethylphthalate	15.47	149	504205	48.132	ng		98
60) 4-Chlorophenyl-phenylether	15.70	204	286229	49.931	ng		96
61) 4-Nitroaniline	15.73	138	105572	47.599	ng	#	76
62) Azobenzene	15.99	77	507758	49.140	ng		95
64) 4,6-Dinitro-2-methylphenol	15.79	198	37809	22.195	ng		85
65) n-Nitrosodiphenylamine	15.91	169	430894	49.469	ng		98
66) 4-Bromophenyl-phenylether	16.59	248	188115	52.985	ng		96
67) Hexachlorobenzene	16.71	284	191659	52.421	ng		98
68) Atrazine	16.86	200	194954	54.360	ng		96
69) Pentachlorophenol	17.06	266	120357	54.046	ng		95
70) Phenanthrene	17.45	178	782879	51.270	ng		99
71) Anthracene	17.54	178	801032	52.684	ng		99
72) Carbazole	17.81	167	729571	50.526	ng		98
73) Di-n-butylphthalate	18.36	149	823848	48.282	ng	#	98
74) Fluoranthene	19.46	202	1015314	49.364	ng		96
76) Benzidine	19.63	184	289986	33.370	ng		98
77) Pyrene	19.81	202	1013506	48.491	ng		96
79) Butylbenzylphthalate	20.70	149	390816	52.289	ng		96
80) Benzo(a)anthracene	21.65	228	1027975	49.905	ng		99
81) 3,3'-Dichlorobenzidine	21.57	252	197393	27.483	ng	#	96
82) Chrysene	21.72	228	962551	50.426	ng		97
83) Bis(2-ethylhexyl)phthalate	21.55	149	539767	53.120	ng	#	98
84) Di-n-octyl phthalate	22.76	149	916518	53.870	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.53	276	1135352	53.723	ng	#	86
87) Benzo(b)fluoranthene	23.86	252	1027755	52.353	ng	#	95
88) Benzo(k)fluoranthene	23.93	252	955124	49.766	ng	#	97
89) Benzo(a)pyrene	24.73	252	983260	53.838	ng	#	98
90) Dibenzo(a,h)anthracene	28.59	278	947926	52.868	ng	#	96
91) Benzo(g,h,i)perylene	29.68	276	949140	54.097	ng		96

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

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