Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080718\
Data File : BG036179.D
Acq On : 8 Aug 2018 2:15
Operator : JU/SJ
Sample : PB111803BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111803BS

Manual Integrations APPROVED
Sohil
8/8/2018 5:34:38 PM

Quant Time: Aug 08 03:45:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	26701	20.00	ng		-0.02
21) Naphthalene-d8	10.81	136	102548	20.00	ng		-0.02
38) Acenaphthene-d10	14.63	164	74379	20.00	ng		-0.02
63) Phenanthrene-d10	17.38	188	212262	20.00	ng		-0.02
75) Chrysene-d12	21.64	240	238485	20.00	ng		-0.02
86) Perylene-d12	24.82	264	227391	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	216305	134.50	ng		0.00
7) Phenol-d6	7.19	99	310078	129.23	ng		-0.01
23) Nitrobenzene-d5	9.17	82	199021	81.07	ng		-0.02
41) 2,4,6-Tribromophenol	16.13	330	157989	161.15	ng		-0.02
44) 2-Fluorobiphenyl	13.25	172	476502	85.83	ng		-0.02
78) Terphenyl-d14	19.99	244	1013693	93.69	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	28149	34.389	ng	#	75
3) Pyridine	3.90	79	76875	35.975	ng	#	68
4) n-Nitrosodimethylamine	3.81	42	33133	36.111	ng	#	87
6) Aniline	7.34	93	96086	30.895	ng		96
8) 2-Chlorophenol	7.58	128	70522	43.115	ng		95
9) Benzaldehyde	7.16	77	39316	26.704	ng		98
10) Phenol	7.21	94	104661	43.173	ng		97
11) bis(2-Chloroethyl)ether	7.43	93	70034	36.889	ng		90
12) 1,3-Dichlorobenzene	7.90	146	83050m	42.045	ng		
13) 1,4-Dichlorobenzene	8.04	146	86017	42.860	ng		94
14) 1,2-Dichlorobenzene	8.36	146	81883	42.470	ng		98
15) Benzyl Alcohol	8.25	79	79631	36.545	ng		88
16) 2,2'-oxybis(1-Chloropropan	8.53	45	75908	47.691	ng		75
17) 2-Methylphenol	8.46	107	69129	41.941	ng	#	91
18) Hexachloroethane	9.09	117	32225	41.995	ng		90
19) n-Nitroso-di-n-propylamine	8.81	70	65595	32.463	ng	#	80
20) 3+4-Methylphenols	8.78	107	96318	42.124	ng		93
22) Acetophenone	8.83	105	124754	39.121	ng	#	90
24) Nitrobenzene	9.21	77	99961	40.490	ng		90
25) Isophorone	9.74	82	181734	39.881	ng		98
26) 2-Nitrophenol	9.92	139	41882	47.768	ng	#	89
27) 2,4-Dimethylphenol	9.99	122	74055	49.897	ng		88
28) bis(2-Chloroethoxy)methane	10.22	93	97746	38.927	ng		99
29) 2,4-Dichlorophenol	10.47	162	84213	49.707	ng		96
30) 1,2,4-Trichlorobenzene	10.68	180	93091	44.810	ng		96
31) Naphthalene	10.86	128	220876	41.348	ng		97
32) Benzoic acid	10.16	122	27995	28.020	ng		92
33) 4-Chloroaniline	10.98	127	56439	24.241	ng	#	94
34) Hexachlorobutadiene	11.14	225	73956	45.653	ng		97
35) Caprolactam	11.76	113	27557m	37.903	ng		
36) 4-Chloro-3-methylphenol	12.10	107	102173	44.993	ng		94
37) 2-Methylnaphthalene	12.46	142	175028	43.980	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	122483	43.630	ng		99
40) Hexachlorocyclopentadiene	12.81	237	146082	99.222	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	80950	49.308	ng		94
43) 2,4,5-Trichlorophenol	13.16	196	84298	45.899	ng		93
45) 1,1'-Biphenyl	13.47	154	240214	41.656	ng		96
46) 2-Chloronaphthalene	13.51	162	190918	42.564	ng		98
47) 2-Nitroaniline	13.72	65	68271	43.052	ng		95
48) Acenaphthylene	14.36	152	316338	42.102	ng		97
49) Dimethylphthalate	14.09	163	266111	40.835	ng		98
50) 2,6-Dinitrotoluene	14.21	165	64081	48.289	ng		89
51) Acenaphthene	14.70	154	183948	39.301	ng		98
52) 3-Nitroaniline	14.55	138	42315	31.198	ng	#	92
53) 2,4-Dinitrophenol	14.75	184	64523	93.353	ng	#	69
54) Dibenzofuran	15.03	168	318799	42.827	ng		93
55) 4-Nitrophenol	14.86	139	75009	77.655	ng	#	85
56) 2,4-Dinitrotoluene	15.00	165	91521	48.072	ng	#	91
57) Fluorene	15.68	166	268467	43.031	ng		93
58) 2,3,4,6-Tetrachlorophenol	15.26	232	88420	50.212	ng	#	94
59) Diethylphthalate	15.45	149	271487	40.515	ng		98
60) 4-Chlorophenyl-phenylether	15.67	204	153064	41.741	ng		97
61) 4-Nitroaniline	15.71	138	59373	41.848	ng	#	81
62) Azobenzene	15.96	77	272023	41.156	ng		94
64) 4,6-Dinitro-2-methylphenol	15.76	198	55504	46.974	ng		83
65) n-Nitrosodiphenylamine	15.89	169	241590	39.987	ng		95
66) 4-Bromophenyl-phenylether	16.57	248	108288	43.973	ng		95
67) Hexachlorobenzene	16.68	284	111361	43.912	ng		97
68) Atrazine	16.84	200	115553	46.452	ng		93
69) Pentachlorophenol	17.03	266	108935	70.523	ng		100
70) Phenanthrene	17.42	178	451257	42.606	ng		99
71) Anthracene	17.51	178	457579	43.388	ng		98
72) Carbazole	17.78	167	418657	41.801	ng		99
73) Di-n-butylphthalate	18.34	149	485059	40.983	ng		98
74) Fluoranthene	19.43	202	619676	43.435	ng		97
76) Benzidine	19.61	184	239952	38.271	ng		96
77) Pyrene	19.79	202	615385	40.809	ng		98
79) Butylbenzylphthalate	20.67	149	233305	43.264	ng	#	93
80) Benzo(a)anthracene	21.62	228	619497	41.684	ng		99
81) 3,3'-Dichlorobenzidine	21.54	252	160358	30.945	ng		98
82) Chrysene	21.69	228	587693	42.673	ng		99
83) Bis(2-ethylhexyl)phthalate	21.52	149	319194	43.539	ng		99
84) Di-n-octyl phthalate	22.71	149	536598	43.714	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.46	276	650369	42.654	ng	#	87
87) Benzo(b)fluoranthene	23.82	252	594967	43.049	ng	#	97
88) Benzo(k)fluoranthene	23.89	252	568784	42.096	ng	#	97
89) Benzo(a)pyrene	24.67	252	573519	44.605	ng	#	95
90) Dibenzo(a,h)anthracene	28.51	278	543439	43.051	ng	#	97
91) Benzo(g,h,i)perylene	29.59	276	551512	44.649	ng	#	93

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

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