Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081018\
Data File : BG036283.D
Acq On : 11 Aug 2018 1:18
Operator : JU/SJ
Sample : PB111938BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB111938BS

Manual Integrations APPROVED
Sohil
8/13/2018 6:08:37 PM

Quant Time: Aug 11 05:06:44 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	24797	20.00	ng		-0.02
21) Naphthalene-d8	10.80	136	92739	20.00	ng		-0.03
38) Acenaphthene-d10	14.63	164	66522	20.00	ng		-0.02
63) Phenanthrene-d10	17.38	188	186533	20.00	ng		-0.02
75) Chrysene-d12	21.64	240	200571	20.00	ng		-0.02
86) Perylene-d12	24.82	264	197394	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	172350	115.39	ng		0.00
7) Phenol-d6	7.18	99	248778	111.64	ng		-0.01
23) Nitrobenzene-d5	9.17	82	254373	114.58	ng		-0.02
41) 2,4,6-Tribromophenol	16.13	330	118653	135.32	ng		-0.02
44) 2-Fluorobiphenyl	13.25	172	580929	117.00	ng		-0.02
78) Terphenyl-d14	19.98	244	977888	107.47	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	27367	36.000	ng	#	73
3) Pyridine	3.90	79	74393	37.486	ng	#	74
4) n-Nitrosodimethylamine	3.82	42	35748	41.952	ng	#	86
6) Aniline	7.34	93	67249	23.283	ng		99
8) 2-Chlorophenol	7.58	128	78077	51.399	ng		98
9) Benzaldehyde	7.15	77	57879	42.331	ng		97
10) Phenol	7.21	94	113349	50.347	ng		86
11) bis(2-Chloroethyl)ether	7.43	93	74601	42.312	ng		88
12) 1,3-Dichlorobenzene	7.90	146	86591m	47.204	ng		
13) 1,4-Dichlorobenzene	8.04	146	92232	49.485	ng		94
14) 1,2-Dichlorobenzene	8.36	146	87127	48.660	ng		96
15) Benzyl Alcohol	8.25	79	87829	43.402	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.54	45	80979	54.783	ng		74
17) 2-Methylphenol	8.45	107	73644	48.111	ng	#	88
18) Hexachloroethane	9.08	117	33934	47.617	ng		89
19) n-Nitroso-di-n-propylamine	8.81	70	72367	38.565	ng	#	85
20) 3+4-Methylphenols	8.79	107	100709	47.426	ng		84
22) Acetophenone	8.83	105	132101	45.806	ng	#	90
24) Nitrobenzene	9.21	77	111990	50.161	ng		92
25) Isophorone	9.73	82	199995	48.530	ng	#	98
26) 2-Nitrophenol	9.92	139	46777	58.994	ng	#	85
27) 2,4-Dimethylphenol	9.98	122	76304	56.850	ng		89
28) bis(2-Chloroethoxy)methane	10.21	93	107350	47.274	ng		96
29) 2,4-Dichlorophenol	10.47	162	88496	57.760	ng		92
30) 1,2,4-Trichlorobenzene	10.67	180	98981	52.685	ng		98
31) Naphthalene	10.86	128	237227	49.106	ng		98
32) Benzoic acid	10.16	122	23636m	26.159	ng		
33) 4-Chloroaniline	10.99	127	23790	11.299	ng	#	78
34) Hexachlorobutadiene	11.14	225	80452	54.916	ng		96
35) Caprolactam	11.75	113	31325m	47.643	ng		
36) 4-Chloro-3-methylphenol	12.10	107	112170	54.619	ng		92
37) 2-Methylnaphthalene	12.46	142	186803	51.903	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	136460	54.350	ng		99
40) Hexachlorocyclopentadiene	12.80	237	165383	125.599	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.07	196	84675	57.668	ng		98
43) 2,4,5-Trichlorophenol	13.15	196	93013	56.626	ng		98
45) 1,1'-Biphenyl	13.46	154	261836	50.769	ng		96
46) 2-Chloronaphthalene	13.51	162	207451	51.712	ng		96
47) 2-Nitroaniline	13.72	65	73602	51.896	ng		96
48) Acenaphthylene	14.36	152	343306	51.087	ng		99
49) Dimethylphthalate	14.09	163	285561	48.996	ng		100
50) 2,6-Dinitrotoluene	14.21	165	67073	56.513	ng		92
51) Acenaphthene	14.70	154	202674	48.416	ng		99
52) 3-Nitroaniline	14.55	138	30033	24.758	ng	#	89
53) 2,4-Dinitrophenol	14.76	184	44103	72.898	ng	#	73
54) Dibenzofuran	15.03	168	343681	51.623	ng		94
55) 4-Nitrophenol	14.87	139	68796	79.635	ng	#	83
56) 2,4-Dinitrotoluene	15.00	165	99112	58.208	ng	#	88
57) Fluorene	15.68	166	290323	52.030	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.26	232	95299	60.511	ng	#	92
59) Diethylphthalate	15.44	149	289459	48.299	ng		98
60) 4-Chlorophenyl-phenylether	15.67	204	168567	51.399	ng		96
61) 4-Nitroaniline	15.71	138	58339	45.976	ng	#	76
62) Azobenzene	15.96	77	297713	50.362	ng		96
64) 4,6-Dinitro-2-methylphenol	15.77	198	50764	48.889	ng		85
65) n-Nitrosodiphenylamine	15.88	169	252451	47.548	ng		99
66) 4-Bromophenyl-phenylether	16.56	248	116667	53.910	ng		94
67) Hexachlorobenzene	16.68	284	119111	53.446	ng		96
68) Atrazine	16.84	200	122936	56.237	ng		95
69) Pentachlorophenol	17.04	266	100973	74.385	ng		98
70) Phenanthrene	17.42	178	480152	51.587	ng		99
71) Anthracene	17.51	178	488406	52.699	ng		98
72) Carbazole	17.78	167	432272	49.113	ng		99
73) Di-n-butylphthalate	18.33	149	501582	48.224	ng	#	98
74) Fluoranthene	19.43	202	638152	50.900	ng		97
76) Benzidine	19.61	184	130496	24.748	ng		99
77) Pyrene	19.79	202	635892	50.140	ng		98
79) Butylbenzylphthalate	20.67	149	235605	51.950	ng		98
80) Benzo(a)anthracene	21.62	228	642032	51.366	ng		98
81) 3,3'-Dichlorobenzidine	21.54	252	124967	28.674	ng	#	93
82) Chrysene	21.69	228	605892	52.311	ng		98
83) Bis(2-ethylhexyl)phthalate	21.52	149	319680	51.848	ng	#	96
84) Di-n-octyl phthalate	22.71	149	541941	52.495	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.45	276	618806	48.256	ng	#	84
87) Benzo(b)fluoranthene	23.82	252	622555	51.890	ng	#	97
88) Benzo(k)fluoranthene	23.88	252	578150	49.291	ng	#	97
89) Benzo(a)pyrene	24.68	252	588853	52.757	ng	#	95
90) Dibenzo(a,h)anthracene	28.51	278	527987	48.184	ng	#	95
91) Benzo(g,h,i)perylene	29.60	276	536342	50.019	ng	#	92

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

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