Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010819\
Data File : BG038998.D
Acq On : 8 Jan 2019 17:54
Operator : JU/SJ
Sample : PB116229BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116229BS

Manual Integrations APPROVED
Sohil
1/9/2019 11:28:11 AM

Quant Time: Jan 09 02:59:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	24348	20.00	ng	-0.02
21) Naphthalene-d8	10.86	136	99950	20.00	ng	-0.02
39) Acenaphthene-d10	14.69	164	73100	20.00	ng	-0.01
64) Phenanthrene-d10	17.44	188	187142	20.00	ng	0.00
76) Chrysene-d12	21.71	240	192753	20.00	ng	-0.01
87) Perylene-d12	25.00	264	191209	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	193568	141.01	ng	0.00
7) Phenol-d6	7.21	99	269463	142.99	ng	0.00
23) Nitrobenzene-d5	9.22	82	128022	65.44	ng	-0.02
42) 2,4,6-Tribromophenol	16.18	330	158719	157.55	ng	-0.01
45) 2-Fluorobiphenyl	13.31	172	376961	70.74	ng	-0.01
79) Terphenyl-d14	20.03	244	739731	83.52	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	18098	28.327	ng	94
3) Pyridine	3.88	79	47597	27.058	ng	93
4) n-Nitrosodimethylamine	3.81	42	27559	31.975	ng	91
6) Aniline	7.37	93	76722	31.892	ng	96
8) 2-Chlorophenol	7.61	128	71470	44.989	ng	92
9) Benzaldehyde	7.19	77	13969	11.426	ng	97
10) Phenol	7.24	94	90084	44.994	ng	96
11) bis(2-Chloroethyl)ether	7.47	93	56717	35.581	ng	91
12) 1,3-Dichlorobenzene	7.93	146	69939	37.235	ng	96
13) 1,4-Dichlorobenzene	8.08	146	72198	37.530	ng	94
14) 1,2-Dichlorobenzene	8.40	146	68789	37.930	ng	97
15) Benzyl Alcohol	8.29	79	63366	43.078	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.56	45	110260	30.196	ng	98
17) 2-Methylphenol	8.49	107	63076	47.023	ng	98
18) Hexachloroethane	9.12	117	24553	34.928	ng	90
19) n-Nitroso-di-n-propylamine	8.85	70	48953	36.985	ng	93
20) 3+4-Methylphenols	8.82	107	88846	47.959	ng	95
22) Acetophenone	8.88	105	100732	40.349	ng	94
24) Nitrobenzene	9.26	77	74864	37.825	ng	100
25) Isophorone	9.78	82	145554	41.407	ng	96
26) 2-Nitrophenol	9.97	139	43719	43.158	ng	90
27) 2,4-Dimethylphenol	10.02	122	74668	51.432	ng	94
28) bis(2-Chloroethoxy)methane	10.26	93	83719	42.203	ng	99
29) 2,4-Dichlorophenol	10.51	162	83321	51.589	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	82686	42.384	ng	98
31) Naphthalene	10.91	128	219767	44.626	ng	99
32) Benzoic acid	10.19	122	37842	42.511	ng	90
33) 4-Chloroaniline	11.03	127	63689	29.788	ng	95
34) Hexachlorobutadiene	11.17	225	55192	41.810	ng	98
35) Caprolactam	11.82	113	27514m	41.164	ng	
36) 4-Chloro-3-methylphenol	12.15	107	86291	46.818	ng	90
37) 2-Methylnaphthalene	12.51	142	172692	49.154	ng	99
38) 1-Methylnaphthalene	12.74	142	164693	48.308	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	107840	39.466	ng	98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 12 15:26:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	133757	89.100	ng		96
43) 2,4,6-Trichlorophenol	13.12	196	79191	47.135	ng		98
44) 2,4,5-Trichlorophenol	13.20	196	82845	46.573	ng		95
46) 1,1'-Biphenyl	13.52	154	237037	38.680	ng		97
47) 2-Chloronaphthalene	13.56	162	189423	40.016	ng		97
48) 2-Nitroaniline	13.78	65	56166	37.251	ng	#	85
49) Acenaphthylene	14.41	152	309967	43.801	ng		98
50) Dimethylphthalate	14.13	163	261678	43.835	ng		99
51) 2,6-Dinitrotoluene	14.27	165	58735	43.417	ng	#	85
52) Acenaphthene	14.75	154	178544	42.193	ng		97
53) 3-Nitroaniline	14.61	138	41174	29.857	ng		91
54) 2,4-Dinitrophenol	14.82	184	77990	95.797	ng		93
55) Dibenzofuran	15.08	168	308049	42.468	ng		98
56) 4-Nitrophenol	14.92	139	88115	84.227	ng		94
57) 2,4-Dinitrotoluene	15.06	165	82859	43.487	ng		90
58) Fluorene	15.73	166	248151	46.176	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	79753	49.833	ng		97
60) Diethylphthalate	15.49	149	264357	40.339	ng		97
61) 4-Chlorophenyl-phenylether	15.71	204	142364	42.458	ng		99
62) 4-Nitroaniline	15.77	138	59001	41.558	ng		94
63) Azobenzene	16.01	77	205165	37.476	ng		95
65) 4,6-Dinitro-2-methylphenol	15.82	198	56542	42.354	ng		85
66) n-Nitrosodiphenylamine	15.94	169	227006	41.284	ng		97
67) 4-Bromophenyl-phenylether	16.61	248	96807	42.356	ng		95
68) Hexachlorobenzene	16.73	284	104866	44.262	ng	#	94
69) Atrazine	16.88	200	93809	45.971	ng		96
70) Pentachlorophenol	17.08	266	116066	82.824	ng		94
71) Phenanthrene	17.48	178	430987	44.411	ng		99
72) Anthracene	17.57	178	435803	45.489	ng		100
73) Carbazole	17.84	167	388002	40.951	ng		99
74) Di-n-butylphthalate	18.37	149	452924	41.660	ng		99
75) Fluoranthene	19.49	202	542644	45.193	ng		97
77) Benzidine	19.67	184	199483	34.994	ng		100
78) Pyrene	19.85	202	539732	42.386	ng		100
80) Butylbenzylphthalate	20.71	149	203695	40.944	ng		93
81) Benzo(a)anthracene	21.70	228	524401	44.647	ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	146399	31.428	ng		98
83) Chrysene	21.76	228	494326	43.695	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	282359	40.018	ng		97
85) Di-n-octyl phthalate	22.78	149	483064	40.880	ng		95
86) Indeno(1,2,3-cd)pyrene	28.79	276	586592	44.103	ng	#	94
88) Benzo(b)fluoranthene	23.95	252	528357	50.329	ng		99
89) Benzo(k)fluoranthene	24.02	252	499060	47.739	ng		97
90) Benzo(a)pyrene	24.85	252	506966	50.056	ng	#	97
91) Dibenzo(a,h)anthracene	28.85	278	483623	47.959	ng		98
92) Benzo(g,h,i)perylene	29.98	276	489586	49.264	ng		94

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

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