Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
Data File : BG038586.D
Acq On : 15 Dec 2018 3:01
Operator : JU/SJ
Sample : PB115581BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115581BS

Manual Integrations APPROVED
Sohil
12/17/2018 4:11:56 PM

Quant Time: Dec 15 04:34:15 2018
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	8.06	152	23459	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	94068	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	56969	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	149594	20.00	ng		0.00
76) Chrysene-d12	21.73	240	160657	20.00	ng		0.00
87) Perylene-d12	25.02	264	175604	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	165283	124.96	ng		0.00
7) Phenol-d6	7.21	99	213398	117.53	ng		0.00
23) Nitrobenzene-d5	9.24	82	126490	68.70	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	94964	120.95	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	288913	69.57	ng		0.00
79) Terphenyl-d14	20.04	244	618739	83.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	21729	35.299	ng	#	89
3) Pyridine	3.89	79	60378	35.625	ng		92
4) n-Nitrosodimethylamine	3.82	42	39352	47.388	ng	#	85
6) Aniline	7.39	93	80982	34.938	ng		99
8) 2-Chlorophenol	7.62	128	66038	43.145	ng		98
9) Benzaldehyde	7.20	77	24576	20.864	ng		98
10) Phenol	7.24	94	84376	43.740	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	58710	38.227	ng		99
12) 1,3-Dichlorobenzene	7.94	146	69775	38.555	ng		99
13) 1,4-Dichlorobenzene	8.09	146	71361	38.501	ng		98
14) 1,2-Dichlorobenzene	8.41	146	67543	38.654	ng		96
15) Benzyl Alcohol	8.30	79	60054	42.374	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.58	45	135405	38.487	ng		97
17) 2-Methylphenol	8.50	107	58384	45.174	ng		98
18) Hexachloroethane	9.14	117	26333	38.880	ng		91
19) n-Nitroso-di-n-propylamine	8.86	70	49042	38.456	ng		98
20) 3+4-Methylphenols	8.83	107	77601	43.476	ng		96
22) Acetophenone	8.89	105	96375	41.017	ng	#	95
24) Nitrobenzene	9.28	77	77599	41.659	ng		98
25) Isophorone	9.79	82	135870	41.069	ng		99
26) 2-Nitrophenol	9.99	139	37509	39.343	ng		95
27) 2,4-Dimethylphenol	10.03	122	63810	46.701	ng		96
28) bis(2-Chloroethoxy)methane	10.27	93	79128	42.383	ng		97
29) 2,4-Dichlorophenol	10.52	162	67385	44.331	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	73107	39.817	ng		97
31) Naphthalene	10.93	128	198851	42.904	ng		99
32) Benzoic acid	10.19	122	27867m	35.474	ng		
33) 4-Chloroaniline	11.04	127	41219	20.484	ng		97
34) Hexachlorobutadiene	11.19	225	47777	38.456	ng		94
35) Caprolactam	11.83	113	21835	34.710	ng	#	88
36) 4-Chloro-3-methylphenol	12.15	107	70020	40.366	ng		90
37) 2-Methylnaphthalene	12.52	142	146392	44.274	ng		98
38) 1-Methylnaphthalene	12.75	142	138372	43.126	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	85981	40.377	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	116634	99.693	ng		97
43) 2,4,6-Trichlorophenol	13.13	196	58095	44.370	ng		97
44) 2,4,5-Trichlorophenol	13.21	196	62449	45.047	ng		99
46) 1,1'-Biphenyl	13.53	154	190005	39.785	ng		99
47) 2-Chloronaphthalene	13.58	162	149158	40.432	ng		97
48) 2-Nitroaniline	13.79	65	51127	43.510	ng		99
49) Acenaphthylene	14.42	152	247387	44.857	ng		98
50) Dimethylphthalate	14.15	163	201154	43.238	ng		98
51) 2,6-Dinitrotoluene	14.28	165	45553	43.207	ng		94
52) Acenaphthene	14.76	154	140706	42.667	ng		99
53) 3-Nitroaniline	14.61	138	31299	29.123	ng	#	98
54) 2,4-Dinitrophenol	14.82	184	49784	79.403	ng		95
55) Dibenzofuran	15.09	168	234848	41.544	ng		98
56) 4-Nitrophenol	14.92	139	71469	87.659	ng		95
57) 2,4-Dinitrotoluene	15.06	165	65628	44.196	ng		98
58) Fluorene	15.74	166	191155	45.642	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.32	232	54068	43.350	ng		94
60) Diethylphthalate	15.50	149	206523	40.438	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	105314	40.302	ng		98
62) 4-Nitroaniline	15.78	138	48556	43.885	ng		92
63) Azobenzene	16.02	77	180667	42.346	ng		98
65) 4,6-Dinitro-2-methylphenol	15.83	198	40019	37.502	ng		99
66) n-Nitrosodiphenylamine	15.95	169	175750	39.985	ng		99
67) 4-Bromophenyl-phenylether	16.63	248	69748	38.177	ng		92
68) Hexachlorobenzene	16.74	284	73016	38.554	ng		98
69) Atrazine	16.89	200	73131	44.833	ng		96
70) Pentachlorophenol	17.09	266	82468	73.619	ng		97
71) Phenanthrene	17.49	178	337023	43.445	ng		98
72) Anthracene	17.58	178	348417	45.496	ng		99
73) Carbazole	17.85	167	317134	41.872	ng		98
74) Di-n-butylphthalate	18.38	149	385329	44.339	ng		99
75) Fluoranthene	19.49	202	437088	45.539	ng		99
77) Benzidine	19.68	184	221041	46.522	ng		99
78) Pyrene	19.86	202	435818	41.063	ng		99
80) Butylbenzylphthalate	20.72	149	174192	42.009	ng		97
81) Benzo(a)anthracene	21.70	228	428258	43.746	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	109279	28.146	ng		99
83) Chrysene	21.77	228	393481	41.729	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	241479	41.061	ng		99
85) Di-n-octyl phthalate	22.79	149	422620	42.910	ng		99
86) Indeno(1,2,3-cd)pyrene	28.80	276	491355	44.323	ng	#	80
88) Benzo(b)fluoranthene	23.96	252	429966	44.596	ng		100
89) Benzo(k)fluoranthene	24.03	252	413471	43.066	ng		97
90) Benzo(a)pyrene	24.86	252	416775	44.808	ng		99
91) Dibenzo(a,h)anthracene	28.86	278	406268	43.868	ng		99
92) Benzo(g,h,i)perylene	29.99	276	404085	44.274	ng		98

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

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