Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121518\
Data File : BG038606.D
Acq On : 15 Dec 2018 16:10
Operator : JU/SJ
Sample : PB115670BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115670BS

Manual Integrations APPROVED
Sohil
12/16/2018 2:01:11 PM

Quant Time: Dec 16 03:58:58 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	22043	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	88119	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	57194	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	145395	20.00	ng		0.00
76) Chrysene-d12	21.72	240	157801	20.00	ng		0.00
87) Perylene-d12	25.01	264	175266	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	155445	125.08	ng		0.00
7) Phenol-d6	7.21	99	202596	118.75	ng		0.00
23) Nitrobenzene-d5	9.24	82	119372	69.21	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	94019	119.28	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	276284	66.27	ng		0.00
79) Terphenyl-d14	20.04	244	611541	84.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	21336	36.887	ng		93
3) Pyridine	3.89	79	55972	35.147	ng		93
4) n-Nitrosodimethylamine	3.82	42	36969	47.378	ng	#	87
6) Aniline	7.38	93	75406	34.622	ng		99
8) 2-Chlorophenol	7.62	128	63438	44.109	ng		99
9) Benzaldehyde	7.20	77	21540	19.462	ng		97
10) Phenol	7.24	94	79976	44.123	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	54456	37.735	ng		97
12) 1,3-Dichlorobenzene	7.95	146	65118	38.293	ng		98
13) 1,4-Dichlorobenzene	8.09	146	67918	38.997	ng		94
14) 1,2-Dichlorobenzene	8.41	146	63510	38.681	ng		96
15) Benzyl Alcohol	8.30	79	57304	43.031	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.58	45	125914	38.089	ng		99
17) 2-Methylphenol	8.50	107	53041	43.676	ng		97
18) Hexachloroethane	9.14	117	24558	38.589	ng		97
19) n-Nitroso-di-n-propylamine	8.86	70	45331	37.830	ng		97
20) 3+4-Methylphenols	8.83	107	73694	43.940	ng		97
22) Acetophenone	8.89	105	89221	40.536	ng	#	100
24) Nitrobenzene	9.28	77	71481	40.965	ng		98
25) Isophorone	9.79	82	128363	41.419	ng		100
26) 2-Nitrophenol	9.99	139	35408	39.646	ng		93
27) 2,4-Dimethylphenol	10.03	122	62550	48.869	ng		99
28) bis(2-Chloroethoxy)methane	10.28	93	73950	42.283	ng		96
29) 2,4-Dichlorophenol	10.52	162	64594	45.363	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	69095	40.172	ng		96
31) Naphthalene	10.93	128	186569	42.971	ng		98
32) Benzoic acid	10.19	122	26100m	35.470	ng		
33) 4-Chloroaniline	11.04	127	42782	22.696	ng		97
34) Hexachlorobutadiene	11.19	225	44490	38.228	ng		94
35) Caprolactam	11.82	113	22762m	38.627	ng		
36) 4-Chloro-3-methylphenol	12.15	107	67206	41.359	ng		91
37) 2-Methylnaphthalene	12.53	142	138847	44.827	ng		98
38) 1-Methylnaphthalene	12.75	142	132395	44.048	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	80676	37.736	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	112919	96.138	ng		96
43) 2,4,6-Trichlorophenol	13.13	196	54575	41.517	ng		99
44) 2,4,5-Trichlorophenol	13.20	196	62070	44.598	ng		98
46) 1,1'-Biphenyl	13.53	154	179837	37.507	ng		99
47) 2-Chloronaphthalene	13.58	162	145548	39.298	ng		98
48) 2-Nitroaniline	13.79	65	49558	42.009	ng		100
49) Acenaphthylene	14.42	152	236453	42.706	ng		99
50) Dimethylphthalate	14.15	163	194715	41.689	ng		99
51) 2,6-Dinitrotoluene	14.28	165	44249	41.805	ng		97
52) Acenaphthene	14.76	154	136372	41.190	ng		97
53) 3-Nitroaniline	14.62	138	31175	28.893	ng		94
54) 2,4-Dinitrophenol	14.82	184	49374	78.502	ng		98
55) Dibenzofuran	15.10	168	228970	40.345	ng		97
56) 4-Nitrophenol	14.91	139	69715	85.171	ng		93
57) 2,4-Dinitrotoluene	15.06	165	63166	42.371	ng		100
58) Fluorene	15.74	166	183922	43.742	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.32	232	53352	42.608	ng		97
60) Diethylphthalate	15.50	149	204028	39.792	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	104381	39.788	ng		99
62) 4-Nitroaniline	15.78	138	47593	42.845	ng		95
63) Azobenzene	16.02	77	174707	40.788	ng		97
65) 4,6-Dinitro-2-methylphenol	15.83	198	41044	39.573	ng		95
66) n-Nitrosodiphenylamine	15.95	169	168172	39.366	ng		99
67) 4-Bromophenyl-phenylether	16.62	248	68271	38.448	ng		91
68) Hexachlorobenzene	16.74	284	71985	39.107	ng		99
69) Atrazine	16.89	200	72048	45.445	ng		98
70) Pentachlorophenol	17.09	266	80619	74.047	ng		99
71) Phenanthrene	17.49	178	330465	43.830	ng		99
72) Anthracene	17.58	178	337949	45.403	ng		99
73) Carbazole	17.85	167	311449	42.309	ng		100
74) Di-n-butylphthalate	18.38	149	374001	44.278	ng		99
75) Fluoranthene	19.49	202	433519	46.472	ng		97
77) Benzidine	19.68	184	215345	46.144	ng		99
78) Pyrene	19.86	202	435852	41.809	ng		99
80) Butylbenzylphthalate	20.73	149	175033	42.976	ng		99
81) Benzo(a)anthracene	21.70	228	424876	44.186	ng		100
82) 3,3'-Dichlorobenzidine	21.62	252	109573	28.732	ng		100
83) Chrysene	21.77	228	394794	42.626	ng		98
84) Bis(2-ethylhexyl)phthalate	21.57	149	243531	42.160	ng		99
85) Di-n-octyl phthalate	22.80	149	417753	43.183	ng		99
86) Indeno(1,2,3-cd)pyrene	28.80	276	488174	44.833	ng	#	98
88) Benzo(b)fluoranthene	23.96	252	424889	44.154	ng		99
89) Benzo(k)fluoranthene	24.03	252	414741	43.282	ng		98
90) Benzo(a)pyrene	24.86	252	413568	44.549	ng		98
91) Dibenzo(a,h)anthracene	28.86	278	407993	44.139	ng		99
92) Benzo(g,h,i)perylene	29.99	276	407872	44.775	ng		98

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

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