Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121418\
Data File : BG038574.D
Acq On : 14 Dec 2018 19:07
Operator : JU/SJ
Sample : PB115331BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115331BS

Manual Integrations APPROVED
Sohil
12/17/2018 4:11:49 PM

Quant Time: Dec 14 23:09:44 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	22611	20.00	ng		0.00
21) Naphthalene-d8	10.88	136	92635	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	58013	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	148120	20.00	ng		0.00
76) Chrysene-d12	21.72	240	156376	20.00	ng		0.00
87) Perylene-d12	25.02	264	169376	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	163096	127.94	ng		0.00
7) Phenol-d6	7.21	99	215854	123.34	ng		0.00
23) Nitrobenzene-d5	9.24	82	125928	69.45	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	94265	117.90	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	290111	68.60	ng		0.00
79) Terphenyl-d14	20.04	244	611975	85.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	20926	35.269	ng		90
3) Pyridine	3.89	79	57221	35.029	ng		93
4) n-Nitrosodimethylamine	3.82	42	37280	46.576	ng	#	90
6) Aniline	7.39	93	78944	35.336	ng		100
8) 2-Chlorophenol	7.62	128	66988	45.407	ng		99
9) Benzaldehyde	7.20	77	23086	20.335	ng		94
10) Phenol	7.24	94	84264	45.320	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	59426	40.145	ng		99
12) 1,3-Dichlorobenzene	7.95	146	69264	39.708	ng		98
13) 1,4-Dichlorobenzene	8.09	146	70269	39.334	ng		98
14) 1,2-Dichlorobenzene	8.41	146	67885	40.307	ng		97
15) Benzyl Alcohol	8.30	79	61176	44.784	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	133224	39.288	ng		99
17) 2-Methylphenol	8.50	107	59086	47.432	ng		96
18) Hexachloroethane	9.14	117	25674	39.329	ng		93
19) n-Nitroso-di-n-propylamine	8.86	70	48865	39.755	ng		98
20) 3+4-Methylphenols	8.82	107	78043	45.364	ng		97
22) Acetophenone	8.89	105	95894	41.444	ng	#	96
24) Nitrobenzene	9.28	77	76864	41.902	ng		97
25) Isophorone	9.79	82	136428	41.876	ng		100
26) 2-Nitrophenol	9.99	139	37197	39.619	ng		96
27) 2,4-Dimethylphenol	10.03	122	65476	48.661	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	78358	42.619	ng		97
29) 2,4-Dichlorophenol	10.52	162	69417	46.374	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	72649	40.179	ng		94
31) Naphthalene	10.93	128	197970	43.374	ng		98
32) Benzoic acid	10.17	122	31404m	39.128	ng		
33) 4-Chloroaniline	11.04	127	43160	21.781	ng		97
34) Hexachlorobutadiene	11.19	225	47636	38.936	ng		96
35) Caprolactam	11.83	113	23359m	37.707	ng		
36) 4-Chloro-3-methylphenol	12.15	107	71122	41.635	ng		92
37) 2-Methylnaphthalene	12.53	142	145730	44.755	ng		97
38) 1-Methylnaphthalene	12.75	142	138766	43.917	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	84833	39.121	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	116709	97.962	ng		95
43) 2,4,6-Trichlorophenol	13.13	196	59176	44.382	ng		96
44) 2,4,5-Trichlorophenol	13.21	196	63403	44.913	ng		96
46) 1,1'-Biphenyl	13.53	154	188332	38.725	ng		100
47) 2-Chloronaphthalene	13.58	162	152932	40.709	ng		97
48) 2-Nitroaniline	13.79	65	51980	43.440	ng		98
49) Acenaphthylene	14.42	152	250029	44.520	ng		100
50) Dimethylphthalate	14.15	163	201382	42.508	ng		99
51) 2,6-Dinitrotoluene	14.28	165	44117	41.092	ng		94
52) Acenaphthene	14.76	154	143342	42.684	ng		99
53) 3-Nitroaniline	14.62	138	32361	29.569	ng		91
54) 2,4-Dinitrophenol	14.82	184	49147	77.135	ng		96
55) Dibenzofuran	15.10	168	239081	41.532	ng		98
56) 4-Nitrophenol	14.92	139	73803	88.892	ng		97
57) 2,4-Dinitrotoluene	15.06	165	66004	43.650	ng		98
58) Fluorene	15.74	166	188720	44.250	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	56673	44.621	ng		99
60) Diethylphthalate	15.50	149	209797	40.340	ng		99
61) 4-Chlorophenyl-phenylether	15.73	204	106967	40.198	ng		99
62) 4-Nitroaniline	15.78	138	50221	44.573	ng		99
63) Azobenzene	16.02	77	183005	42.122	ng		98
65) 4,6-Dinitro-2-methylphenol	15.83	198	40460	38.292	ng		92
66) n-Nitrosodiphenylamine	15.95	169	174731	40.149	ng		96
67) 4-Bromophenyl-phenylether	16.62	248	68758	38.009	ng		95
68) Hexachlorobenzene	16.74	284	73161	39.015	ng		95
69) Atrazine	16.89	200	74117	45.890	ng		97
70) Pentachlorophenol	17.09	266	82744	74.601	ng		98
71) Phenanthrene	17.49	178	337907	43.993	ng		99
72) Anthracene	17.58	178	344989	45.497	ng		98
73) Carbazole	17.85	167	318073	42.414	ng		99
74) Di-n-butylphthalate	18.38	149	383059	44.516	ng		99
75) Fluoranthene	19.49	202	434236	45.692	ng		98
77) Benzidine	19.68	184	225829	48.831	ng		99
78) Pyrene	19.86	202	435332	42.140	ng		99
80) Butylbenzylphthalate	20.73	149	173304	42.939	ng		99
81) Benzo(a)anthracene	21.70	228	416467	43.706	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	105646	27.955	ng		98
83) Chrysene	21.77	228	387785	42.251	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	242148	42.302	ng		100
85) Di-n-octyl phthalate	22.80	149	412533	43.032	ng		99
86) Indeno(1,2,3-cd)pyrene	28.80	276	469997	43.557	ng	#	76
88) Benzo(b)fluoranthene	23.96	252	414862	44.612	ng		98
89) Benzo(k)fluoranthene	24.03	252	396732	42.842	ng		97
90) Benzo(a)pyrene	24.86	252	399282	44.506	ng		99
91) Dibenzo(a,h)anthracene	28.87	278	397884	44.542	ng		97
92) Benzo(g,h,i)perylene	29.99	276	387561	44.025	ng		97

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

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