Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120618\
Data File : BG038386.D
Acq On : 6 Dec 2018 17:14
Operator : JU/SJ
Sample : PB115178BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB115178BS

Manual Integrations APPROVED
mohammad
12/7/2018 12:20:53 PM

Quant Time: Dec 06 17:52:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	24630	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	111597	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	72557	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	254428	20.00	ng		0.00
76) Chrysene-d12	21.74	240	178594	20.00	ng		0.00
87) Perylene-d12	25.05	264	188556	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	184674	132.69	ng		0.00
7) Phenol-d6	7.22	99	240497	119.55	ng		0.00
23) Nitrobenzene-d5	9.25	82	158298	70.42	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	107188	120.34	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	358893	70.48	ng		0.00
79) Terphenyl-d14	20.06	244	718598	86.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	19136	29.999	ng	#	92
3) Pyridine	3.90	79	83343	43.672	ng		98
4) n-Nitrosodimethylamine	3.82	42	44372	53.081	ng		88
6) Aniline	7.39	93	38387	14.941	ng		95
8) 2-Chlorophenol	7.63	128	65861	40.745	ng		100
9) Benzaldehyde	7.21	77	32368	25.410	ng		95
10) Phenol	7.25	94	86049	40.486	ng		89
11) bis(2-Chloroethyl)ether	7.49	93	61662	35.424	ng		98
12) 1,3-Dichlorobenzene	7.96	146	65713	34.783	ng		99
13) 1,4-Dichlorobenzene	8.11	146	68740	35.166	ng		97
14) 1,2-Dichlorobenzene	8.43	146	63528	34.099	ng		98
15) Benzyl Alcohol	8.31	79	60871	36.806	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.59	45	134743	34.032	ng		94
17) 2-Methylphenol	8.50	107	58882	39.492	ng		97
18) Hexachloroethane	9.15	117	27158	38.495	ng		93
19) n-Nitroso-di-n-propylamine	8.87	70	57816	39.286	ng		98
20) 3+4-Methylphenols	8.83	107	89224	41.669	ng		96
22) Acetophenone	8.90	105	100307	37.045	ng	#	97
24) Nitrobenzene	9.29	77	81377	35.634	ng		98
25) Isophorone	9.80	82	148026	37.473	ng		98
26) 2-Nitrophenol	10.00	139	38111	36.017	ng		95
27) 2,4-Dimethylphenol	10.04	122	68796	45.265	ng		92
28) bis(2-Chloroethoxy)methane	10.28	93	93118	41.121	ng		97
29) 2,4-Dichlorophenol	10.53	162	82139	47.345	ng		94
30) 1,2,4-Trichlorobenzene	10.75	180	74008	36.339	ng		99
31) Naphthalene	10.94	128	209098	39.225	ng		98
32) Benzoic acid	10.18	122	33721	32.913	ng		98
33) 4-Chloroaniline	11.07	127	17911	7.590	ng		98
34) Hexachlorobutadiene	11.21	225	42971	33.726	ng		97
35) Caprolactam	11.84	113	28710m	40.017	ng		
36) 4-Chloro-3-methylphenol	12.16	107	78930	40.947	ng		98
37) 2-Methylnaphthalene	12.54	142	154315	40.649	ng		98
38) 1-Methylnaphthalene	12.76	142	149540	41.128	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	86082	34.479	ng		97

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Quant Time: Dec 06 17:52:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	114450	83.417	ng		99
43) 2,4,6-Trichlorophenol	13.14	196	64704	40.007	ng		99
44) 2,4,5-Trichlorophenol	13.21	196	68776	40.141	ng		95
46) 1,1'-Biphenyl	13.54	154	207364	33.810	ng		99
47) 2-Chloronaphthalene	13.59	162	162794	35.175	ng		99
48) 2-Nitroaniline	13.80	65	59426	38.273	ng		96
49) Acenaphthylene	14.43	152	285092	40.901	ng		99
50) Dimethylphthalate	14.16	163	224416	38.561	ng		99
51) 2,6-Dinitrotoluene	14.29	165	54217	40.783	ng		93
52) Acenaphthene	14.77	154	157978	37.178	ng		96
53) 3-Nitroaniline	14.62	138	16198	11.313	ng	#	92
54) 2,4-Dinitrophenol	14.83	184	58780	80.660	ng		92
55) Dibenzofuran	15.11	168	261996	37.295	ng		96
56) 4-Nitrophenol	14.92	139	87899	77.718	ng		88
57) 2,4-Dinitrotoluene	15.07	165	75016	40.913	ng		95
58) Fluorene	15.75	166	222861	43.061	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.33	232	63552	42.707	ng		98
60) Diethylphthalate	15.51	149	250921	38.917	ng		97
61) 4-Chlorophenyl-phenylether	15.74	204	118934	38.259	ng		100
62) 4-Nitroaniline	15.79	138	55996	39.764	ng		88
63) Azobenzene	16.04	77	218884	38.791	ng		97
65) 4,6-Dinitro-2-methylphenol	15.84	198	45172	27.097	ng		95
66) n-Nitrosodiphenylamine	15.96	169	201361	28.144	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	76472	27.833	ng		98
68) Hexachlorobenzene	16.75	284	78635	27.747	ng		96
69) Atrazine	16.90	200	81002	30.341	ng		98
70) Pentachlorophenol	17.10	266	97815	50.391	ng		93
71) Phenanthrene	17.50	178	438574	34.421	ng		99
72) Anthracene	17.59	178	416145	33.726	ng		99
73) Carbazole	17.86	167	367464	30.006	ng		99
74) Di-n-butylphthalate	18.39	149	462769	32.346	ng		98
75) Fluoranthene	19.50	202	585183	39.309	ng		99
77) Benzidine	19.69	184	117501	19.497	ng		98
78) Pyrene	19.87	202	598718	47.913	ng		98
80) Butylbenzylphthalate	20.74	149	190012	37.807	ng		97
81) Benzo(a)anthracene	21.72	228	439823	40.069	ng		100
82) 3,3'-Dichlorobenzidine	21.64	252	63420	14.852	ng		99
83) Chrysene	21.79	228	406045	39.091	ng		98
84) Bis(2-ethylhexyl)phthalate	21.59	149	264187	37.086	ng		98
85) Di-n-octyl phthalate	22.82	149	451784	36.987	ng		98
86) Indeno(1,2,3-cd)pyrene	28.84	276	607682	51.477	ng		98
88) Benzo(b)fluoranthene	23.99	252	441369	41.427	ng		98
89) Benzo(k)fluoranthene	24.06	252	423057	39.870	ng		98
90) Benzo(a)pyrene	24.89	252	420802	40.719	ng		98
91) Dibenzo(a,h)anthracene	28.90	278	479922	48.964	ng		99
92) Benzo(g,h,i)perylene	30.04	276	413366	42.508	ng		96

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

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