Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011419\
Data File : BG039124.D
Acq On : 14 Jan 2019 17:11
Operator : JU/SJ
Sample : PB116353BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116353BSD

Manual Integrations APPROVED
Sohil
1/15/2019 12:18:54 PM

Quant Time: Jan 14 23:06:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	23029	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	106437	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	80513	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	198571	20.00	ng		0.00
76) Chrysene-d12	21.70	240	197996	20.00	ng		0.00
87) Perylene-d12	24.97	264	177335	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	173522	142.94	ng		0.00
7) Phenol-d6	7.19	99	241828	138.42	ng		0.00
23) Nitrobenzene-d5	9.20	82	123939	63.72	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	152361	112.89	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	368517	62.64	ng		0.00
79) Terphenyl-d14	20.02	244	715518	66.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	20339	42.783	ng		95
3) Pyridine	3.86	79	38702	29.961	ng		98
4) n-Nitrosodimethylamine	3.78	42	25590	44.023	ng		94
6) Aniline	7.35	93	74521	35.517	ng		97
8) 2-Chlorophenol	7.59	128	74857	52.310	ng		96
9) Benzaldehyde	7.17	77	5538	5.497	ng		93
10) Phenol	7.21	94	94279	53.825	ng		97
11) bis(2-Chloroethyl)ether	7.44	93	58271	43.528	ng		99
12) 1,3-Dichlorobenzene	7.91	146	66856	38.993	ng		98
13) 1,4-Dichlorobenzene	8.06	146	70941	40.854	ng		99
14) 1,2-Dichlorobenzene	8.38	146	68598	41.433	ng		95
15) Benzyl Alcohol	8.27	79	67427	51.249	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.54	45	111175	43.309	ng		97
17) 2-Methylphenol	8.47	107	66406	54.599	ng		98
18) Hexachloroethane	9.10	117	23637	40.068	ng		97
19) n-Nitroso-di-n-propylamine	8.83	70	51629	45.002	ng	#	93
20) 3+4-Methylphenols	8.80	107	90044	51.926	ng		97
22) Acetophenone	8.86	105	107949	38.836	ng	#	95
24) Nitrobenzene	9.25	77	80243	40.814	ng		98
25) Isophorone	9.76	82	155615	46.444	ng		98
26) 2-Nitrophenol	9.96	139	45557	42.839	ng		98
27) 2,4-Dimethylphenol	10.00	122	77792	51.995	ng		88
28) bis(2-Chloroethoxy)methane	10.24	93	86818	43.113	ng		96
29) 2,4-Dichlorophenol	10.49	162	91516	49.237	ng		94
30) 1,2,4-Trichlorobenzene	10.70	180	87766	39.299	ng		96
31) Naphthalene	10.89	128	235990	44.207	ng		99
32) Benzoic acid	10.19	122	36865m	41.625	ng		
33) 4-Chloroaniline	11.01	127	69923	29.273	ng		98
34) Hexachlorobutadiene	11.15	225	57343	37.316	ng		96
35) Caprolactam	11.81	113	29378m	39.416	ng		
36) 4-Chloro-3-methylphenol	12.13	107	94414	47.493	ng		92
37) 2-Methylnaphthalene	12.49	142	188488	47.095	ng		97
38) 1-Methylnaphthalene	12.71	142	180971	47.108	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	122614	40.551	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	112745	67.193	ng		98
43) 2,4,6-Trichlorophenol	13.11	196	84519	44.412	ng		99
44) 2,4,5-Trichlorophenol	13.19	196	90558	45.023	ng		97
46) 1,1'-Biphenyl	13.50	154	255193	40.001	ng		99
47) 2-Chloronaphthalene	13.55	162	208707	40.427	ng		97
48) 2-Nitroaniline	13.76	65	63364	43.810	ng		95
49) Acenaphthylene	14.39	152	340146	43.835	ng		100
50) Dimethylphthalate	14.12	163	284346	41.793	ng		99
51) 2,6-Dinitrotoluene	14.25	165	63206	41.552	ng		99
52) Acenaphthene	14.73	154	193862	41.582	ng		97
53) 3-Nitroaniline	14.59	138	47268	30.632	ng	#	99
54) 2,4-Dinitrophenol	14.80	184	67355	74.462	ng		95
55) Dibenzofuran	15.07	168	341110	41.427	ng		100
56) 4-Nitrophenol	14.90	139	88600	79.799	ng		94
57) 2,4-Dinitrotoluene	15.04	165	89240	40.892	ng		93
58) Fluorene	15.71	166	274286	44.254	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	89312	47.039	ng		95
60) Diethylphthalate	15.47	149	286107	40.814	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	156296	40.027	ng		96
62) 4-Nitroaniline	15.76	138	58915	36.650	ng		96
63) Azobenzene	16.00	77	221311	40.371	ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	55961	38.039	ng		93
66) n-Nitrosodiphenylamine	15.92	169	249385	42.365	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	107877	42.263	ng		95
68) Hexachlorobenzene	16.71	284	112067	40.235	ng		96
69) Atrazine	16.87	200	95461	38.173	ng		96
70) Pentachlorophenol	17.07	266	111935	66.129	ng		96
71) Phenanthrene	17.46	178	460113	43.838	ng		100
72) Anthracene	17.55	178	457656	44.100	ng		99
73) Carbazole	17.82	167	397453	38.797	ng		98
74) Di-n-butylphthalate	18.35	149	461554	40.499	ng		98
75) Fluoranthene	19.47	202	546089	41.970	ng		99
77) Benzidine	19.65	184	170497	28.154	ng		99
78) Pyrene	19.83	202	535818	42.464	ng		99
80) Butylbenzylphthalate	20.70	149	200899	41.862	ng		99
81) Benzo(a)anthracene	21.67	228	531253	44.077	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	164130	33.421	ng		99
83) Chrysene	21.74	228	496049	43.272	ng		98
84) Bis(2-ethylhexyl)phthalate	21.54	149	279233	41.904	ng		97
85) Di-n-octyl phthalate	22.75	149	476926	42.327	ng		99
86) Indeno(1,2,3-cd)pyrene	28.73	276	690504	50.410	ng		100
88) Benzo(b)fluoranthene	23.92	252	533280	54.537	ng		99
89) Benzo(k)fluoranthene	23.99	252	516975	53.473	ng		98
90) Benzo(a)pyrene	24.82	252	517007	54.702	ng		99
91) Dibenzo(a,h)anthracene	28.78	278	562330	59.816	ng		99
92) Benzo(g,h,i)perylene	29.91	276	586681	63.037	ng		95

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

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