Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
Data File : BG039945.D
Acq On : 15 Mar 2019 17:29
Operator : JU/SJ
Sample : PB117958BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117958BS

Manual Integrations APPROVED
Sohil
3/18/2019 3:02:42 PM

Quant Time: Mar 16 04:31:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	37609	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	158706	20.00	ng		-0.02
39) Acenaphthene-d10	14.77	164	97205	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	237876	20.00	ng		-0.01
76) Chrysene-d12	21.81	240	264808	20.00	ng		-0.02
87) Perylene-d12	25.18	264	273813	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	308648	140.01	ng		-0.01
7) Phenol-d6	7.29	99	417460	127.00	ng		-0.02
23) Nitrobenzene-d5	9.33	82	231425	78.87	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	152843	134.90	ng		-0.01
45) 2-Fluorobiphenyl	13.40	172	543776	79.65	ng		-0.02
79) Terphenyl-d14	20.11	244	913053	75.92	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	47904	47.068	ng		97
3) Pyridine	3.98	79	95872	35.186	ng		96
4) n-Nitrosodimethylamine	3.90	42	54319	42.023	ng	#	86
6) Aniline	7.47	93	112243	26.064	ng		97
8) 2-Chlorophenol	7.71	128	103560	38.722	ng		97
9) Benzaldehyde	7.29	77	61482	28.996	ng		98
10) Phenol	7.32	94	141255	39.668	ng		98
11) bis(2-Chloroethyl)ether	7.56	93	104068	37.484	ng		100
12) 1,3-Dichlorobenzene	8.03	146	113679	37.583	ng		97
13) 1,4-Dichlorobenzene	8.18	146	117469	38.127	ng		98
14) 1,2-Dichlorobenzene	8.50	146	114493	38.462	ng		99
15) Benzyl Alcohol	8.39	79	99405	38.123	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	212571	38.282	ng		99
17) 2-Methylphenol	8.58	107	91239	40.183	ng		98
18) Hexachloroethane	9.23	117	42656	38.585	ng		97
19) n-Nitroso-di-n-propylamine	8.95	70	83553	35.315	ng		92
20) 3+4-Methylphenols	8.91	107	124128	39.351	ng		99
22) Acetophenone	8.97	105	159989	37.559	ng	#	96
24) Nitrobenzene	9.37	77	125424	40.743	ng		98
25) Isophorone	9.88	82	230934	37.559	ng		98
26) 2-Nitrophenol	10.08	139	60424	40.653	ng	#	95
27) 2,4-Dimethylphenol	10.12	122	107315	46.424	ng		93
28) bis(2-Chloroethoxy)methane	10.36	93	141279	37.810	ng		99
29) 2,4-Dichlorophenol	10.61	162	111099	42.687	ng		95
30) 1,2,4-Trichlorobenzene	10.82	180	117630	40.165	ng		97
31) Naphthalene	11.02	128	333613	39.703	ng		99
32) Benzoic acid	10.25	122	50699	34.150	ng		95
33) 4-Chloroaniline	11.13	127	73477	20.621	ng		99
34) Hexachlorobutadiene	11.28	225	79055	39.502	ng		91
35) Caprolactam	11.91	113	34777m	34.980	ng		
36) 4-Chloro-3-methylphenol	12.23	107	116568	39.071	ng		99
37) 2-Methylnaphthalene	12.61	142	243784	38.806	ng		97
38) 1-Methylnaphthalene	12.83	142	234621	38.430	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	139011	42.213	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	188654	106.900	ng		98
43) 2,4,6-Trichlorophenol	13.21	196	89746	46.550	ng		94
44) 2,4,5-Trichlorophenol	13.29	196	95457	43.926	ng		99
46) 1,1'-Biphenyl	13.61	154	325899	40.763	ng		100
47) 2-Chloronaphthalene	13.66	162	251881	41.879	ng		99
48) 2-Nitroaniline	13.87	65	82283	42.570	ng		97
49) Acenaphthylene	14.50	152	395246	40.031	ng		99
50) Dimethylphthalate	14.22	163	321968	39.611	ng		100
51) 2,6-Dinitrotoluene	14.35	165	68929	40.002	ng		96
52) Acenaphthene	14.84	154	236909	39.866	ng		99
53) 3-Nitroaniline	14.68	138	48722	28.128	ng	#	97
54) 2,4-Dinitrophenol	14.89	184	68308	63.986	ng		97
55) Dibenzofuran	15.17	168	391100	40.113	ng		99
56) 4-Nitrophenol	14.98	139	119995	77.441	ng		93
57) 2,4-Dinitrotoluene	15.14	165	99390	41.050	ng	#	88
58) Fluorene	15.82	166	305193	39.817	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	92490	43.579	ng		97
60) Diethylphthalate	15.57	149	321372	39.940	ng		98
61) 4-Chlorophenyl-phenylether	15.81	204	162155	39.645	ng		98
62) 4-Nitroaniline	15.85	138	76402	40.687	ng		96
63) Azobenzene	16.10	77	298300	40.898	ng		99
65) 4,6-Dinitro-2-methylphenol	15.89	198	54516	38.761	ng		99
66) n-Nitrosodiphenylamine	16.02	169	275618	40.023	ng		99
67) 4-Bromophenyl-phenylether	16.70	248	105508	39.625	ng		94
68) Hexachlorobenzene	16.81	284	108378	39.267	ng		98
69) Atrazine	16.96	200	112164	41.384	ng		100
70) Pentachlorophenol	17.16	266	132774	76.172	ng		98
71) Phenanthrene	17.56	178	519701	39.664	ng		99
72) Anthracene	17.65	178	527653	41.326	ng		99
73) Carbazole	17.93	167	476776	41.420	ng		99
74) Di-n-butylphthalate	18.46	149	582706	43.026	ng		99
75) Fluoranthene	19.57	202	663390	42.841	ng		97
77) Benzidine	19.75	184	268491	31.951	ng		99
78) Pyrene	19.93	202	665760	38.690	ng		98
80) Butylbenzylphthalate	20.79	149	278580	41.787	ng		93
81) Benzo(a)anthracene	21.79	228	648289	39.062	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	152491	25.167	ng		99
83) Chrysene	21.86	228	623233	38.735	ng		98
84) Bis(2-ethylhexyl)phthalate	21.65	149	387868	41.403	ng		99
85) Di-n-octyl phthalate	22.90	149	666616	42.975	ng		96
86) Indeno(1,2,3-cd)pyrene	29.04	276	740609	40.575	ng	#	96
88) Benzo(b)fluoranthene	24.09	252	659118	40.367	ng		98
89) Benzo(k)fluoranthene	24.17	252	631809	41.569	ng		99
90) Benzo(a)pyrene	25.02	252	643300	42.637	ng		98
91) Dibenzo(a,h)anthracene	29.11	278	608754	41.155	ng		98
92) Benzo(g,h,i)perylene	30.26	276	617364	41.558	ng		95

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

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