Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042919\
Data File : BG040656.D
Acq On : 29 Apr 2019 11:40
Operator : JU/SJ
Sample : PB119139BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB119139BS

Manual Integrations APPROVED
Sohil
4/30/2019 6:44:34 PM

Quant Time: Apr 30 05:34:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	67929	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	296899	20.00	ng		0.00
39) Acenaphthene-d10	14.79	164	208513	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	568279	20.00	ng		0.00
76) Chrysene-d12	21.82	240	655074	20.00	ng		0.00
87) Perylene-d12	25.19	264	489373	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	590486	153.23	ng		0.00
7) Phenol-d6	7.30	99	845634	142.52	ng		0.00
23) Nitrobenzene-d5	9.33	82	521123	81.10	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	429694	149.93	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	1057733	73.26	ng		0.00
79) Terphenyl-d14	20.13	244	2134872	72.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	72013	41.091	ng		96
3) Pyridine	3.96	79	129835	25.559	ng		97
4) n-Nitrosodimethylamine	3.88	42	107846	38.276	ng	#	95
6) Aniline	7.47	93	224316	28.523	ng		97
8) 2-Chlorophenol	7.71	128	212438	45.148	ng		95
9) Benzaldehyde	7.29	77	10778m	2.930	ng		
10) Phenol	7.32	94	295212	46.285	ng		93
11) bis(2-Chloroethyl)ether	7.57	93	202948	42.433	ng		97
12) 1,3-Dichlorobenzene	8.04	146	201576	39.249	ng		99
13) 1,4-Dichlorobenzene	8.19	146	206570	39.677	ng		99
14) 1,2-Dichlorobenzene	8.51	146	201591	40.150	ng		99
15) Benzyl Alcohol	8.39	79	262627	42.540	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	381165	40.029	ng		99
17) 2-Methylphenol	8.58	107	207084	45.879	ng		95
18) Hexachloroethane	9.24	117	81450	38.138	ng		94
19) n-Nitroso-di-n-propylamine	8.96	70	202456	37.905	ng		97
20) 3+4-Methylphenols	8.91	107	281583	44.782	ng		96
22) Acetophenone	8.99	105	347867	42.135	ng	#	97
24) Nitrobenzene	9.38	77	302220	44.083	ng		96
25) Isophorone	9.89	82	561879	39.257	ng		99
26) 2-Nitrophenol	10.08	139	118149	48.078	ng		90
27) 2,4-Dimethylphenol	10.13	122	229976	49.877	ng		97
28) bis(2-Chloroethoxy)methane	10.37	93	290158	40.406	ng		98
29) 2,4-Dichlorophenol	10.62	162	240949	45.966	ng		95
30) 1,2,4-Trichlorobenzene	10.83	180	244939	42.136	ng		97
31) Naphthalene	11.03	128	643257	40.781	ng		100
32) Benzoic acid	10.27	122	170359	53.971	ng		89
33) 4-Chloroaniline	11.13	127	175943	25.158	ng		96
34) Hexachlorobutadiene	11.29	225	181711	42.341	ng		100
35) Caprolactam	11.94	113	83834m	40.508	ng		
36) 4-Chloro-3-methylphenol	12.23	107	292215	44.189	ng		95
37) 2-Methylnaphthalene	12.62	142	493129	41.814	ng		97
38) 1-Methylnaphthalene	12.84	142	468860	40.674	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	333667	42.956	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	291968	63.699	ng		98
43) 2,4,6-Trichlorophenol	13.22	196	221041	47.090	ng		97
44) 2,4,5-Trichlorophenol	13.29	196	237807	46.506	ng		98
46) 1,1'-Biphenyl	13.62	154	663192	40.965	ng		97
47) 2-Chloronaphthalene	13.67	162	530220	41.850	ng		99
48) 2-Nitroaniline	13.87	65	231439	51.319	ng		97
49) Acenaphthylene	14.51	152	841329	39.140	ng		98
50) Dimethylphthalate	14.23	163	729521	41.816	ng		99
51) 2,6-Dinitrotoluene	14.36	165	164413	48.287	ng		98
52) Acenaphthene	14.85	154	505123	40.352	ng		96
53) 3-Nitroaniline	14.69	138	138766	39.776	ng	#	96
54) 2,4-Dinitrophenol	14.89	184	206424	105.083	ng	#	81
55) Dibenzofuran	15.18	168	863002	42.090	ng		98
56) 4-Nitrophenol	14.99	139	298374	98.633	ng		98
57) 2,4-Dinitrotoluene	15.15	165	240940	52.076	ng		98
58) Fluorene	15.83	166	697587	42.094	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.40	232	259660	50.451	ng		99
60) Diethylphthalate	15.59	149	781198	42.441	ng		99
61) 4-Chlorophenyl-phenylether	15.82	204	421265	43.706	ng		99
62) 4-Nitroaniline	15.86	138	185922	47.641	ng		95
63) Azobenzene	16.11	77	786270	41.478	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	139552	49.567	ng		96
66) n-Nitrosodiphenylamine	16.03	169	653110	39.063	ng		99
67) 4-Bromophenyl-phenylether	16.71	248	284101	40.128	ng		96
68) Hexachlorobenzene	16.82	284	298743	40.808	ng		94
69) Atrazine	16.97	200	253601	38.284	ng		99
70) Pentachlorophenol	17.17	266	410482	95.821	ng		98
71) Phenanthrene	17.57	178	1244359	40.653	ng		96
72) Anthracene	17.67	178	1259481	40.936	ng		98
73) Carbazole	17.94	167	1167115	41.636	ng		98
74) Di-n-butylphthalate	18.47	149	1418858	41.937	ng		98
75) Fluoranthene	19.58	202	1634986	42.864	ng		98
77) Benzidine	19.75	184	328385	18.308	ng		97
78) Pyrene	19.93	202	1603683	39.060	ng		96
80) Butylbenzylphthalate	20.81	149	667367	41.705	ng		98
81) Benzo(a)anthracene	21.80	228	1614142	38.988	ng		98
82) 3,3'-Dichlorobenzidine	21.71	252	507397	34.385	ng		96
83) Chrysene	21.87	228	1587625	40.322	ng		97
84) Bis(2-ethylhexyl)phthalate	21.67	149	937197	40.573	ng		98
85) Di-n-octyl phthalate	22.94	149	1589438	40.857	ng		99
86) Indeno(1,2,3-cd)pyrene	29.08	276	1965941	41.297	ng	#	91
88) Benzo(b)fluoranthene	24.12	252	1689159	56.484	ng		96
89) Benzo(k)fluoranthene	24.19	252	1605297	57.479	ng		98
90) Benzo(a)pyrene	25.04	252	1614294	57.027	ng		97
91) Dibenzo(a,h)anthracene	29.16	278	1611297	56.248	ng		97
92) Benzo(g,h,i)perylene	30.32	276	1624139	56.968	ng		99

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

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