Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043916.D
Acq On : 4 Jan 2020 10:56
Operator : JU
Sample : K6113-20MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MSD

Manual Integrations APPROVED
mohammad
1/6/2020 11:42:11 AM

Quant Time: Jan 06 05:37:16 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	130791	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	555321	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	367545	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	791292	20.00	ng	0.00
76) Chrysene-d12	21.59	240	670742	20.00	ng	0.00
87) Perylene-d12	24.72	264	768701	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1065740	149.61	ng	0.00
7) Phenol-d6	7.14	99	1431090	143.73	ng	0.01
23) Nitrobenzene-d5	9.12	82	889954	85.73	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	557418	144.92	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1848405	91.11	ng	0.00
79) Terphenyl-d14	19.95	244	2521188	92.81	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	132847	42.773	ng	# 37
3) Pyridine	3.85	79	364623	39.740	ng	95
4) n-Nitrosodimethylamine	3.75	42	196161	48.020	ng	97
6) Aniline	7.29	93	136274	10.420	ng	98
8) 2-Chlorophenol	7.54	128	457322	54.687	ng	99
9) Benzaldehyde	7.09	77	268426	42.121	ng	99
10) Phenol	7.16	94	546483	53.269	ng	100
11) bis(2-Chloroethyl)ether	7.38	93	432328	48.821	ng	97
12) 1,3-Dichlorobenzene	7.86	146	434490	44.400	ng	99
13) 1,4-Dichlorobenzene	8.00	146	438658	45.431	ng	99
14) 1,2-Dichlorobenzene	8.32	146	418838	45.193	ng	99
15) Benzyl Alcohol	8.20	79	411477	52.362	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.49	45	619947	45.251	ng	99
17) 2-Methylphenol	8.41	107	406168	54.711	ng	98
18) Hexachloroethane	9.05	117	164366	43.748	ng	99
19) n-Nitroso-di-n-propylamine	8.77	70	355271	47.912	ng	99
20) 3+4-Methylphenols	8.74	107	559523	54.026	ng	99
22) Acetophenone	8.78	105	645353	46.745	ng	99
24) Nitrobenzene	9.16	77	494789	48.125	ng	99
25) Isophorone	9.69	82	964167	49.508	ng	98
26) 2-Nitrophenol	9.87	139	258256	53.093	ng	99
27) 2,4-Dimethylphenol	9.94	122	426487	58.247	ng	97
28) bis(2-Chloroethoxy)methane	10.17	93	606078	46.680	ng	99
29) 2,4-Dichlorophenol	10.41	162	466252	53.384	ng	98
30) 1,2,4-Trichlorobenzene	10.63	180	441845	45.119	ng	97
31) Naphthalene	10.81	128	1317603	49.031	ng	99
32) Benzoic acid	10.07	122	167270	30.654	ng	94
33) 4-Chloroaniline	10.93	127	28941	2.258	ng	97
34) Hexachlorobutadiene	11.11	225	255410	42.717	ng	98
35) Caprolactam	11.70	113	169840m	52.236	ng	
36) 4-Chloro-3-methylphenol	12.05	107	513448	55.222	ng	97
37) 2-Methylnaphthalene	12.42	142	998990	49.378	ng	98
38) 1-Methylnaphthalene	12.64	142	956312	49.874	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	476542	44.236	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	571396	102.309	ng		99
43) 2,4,6-Trichlorophenol	13.03	196	376024	50.728	ng		97
44) 2,4,5-Trichlorophenol	13.11	196	404147	52.863	ng		99
46) 1,1'-Biphenyl	13.43	154	1257267	47.710	ng		99
47) 2-Chloronaphthalene	13.47	162	986425	46.323	ng		99
48) 2-Nitroaniline	13.66	65	325878	47.575	ng		99
49) Acenaphthylene	14.32	152	1539970	50.315	ng		99
50) Dimethylphthalate	14.05	163	1283737	49.191	ng		99
51) 2,6-Dinitrotoluene	14.16	165	299549	50.783	ng		99
52) Acenaphthene	14.66	154	1102338	51.358	ng		97
53) 3-Nitroaniline	14.49	138	53600	8.002	ng		96
54) 2,4-Dinitrophenol	14.70	184	222395	74.418	ng		97
55) Dibenzofuran	15.00	168	1483422	50.205	ng		99
56) 4-Nitrophenol	14.81	139	558286	108.765	ng		98
57) 2,4-Dinitrotoluene	14.95	165	415363	51.751	ng		95
58) Fluorene	15.64	166	1174905	50.168	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.22	232	348122	52.955	ng		99
60) Diethylphthalate	15.42	149	1294372	49.589	ng		100
61) 4-Chlorophenyl-phenylether	15.64	204	619043	48.680	ng		99
62) 4-Nitroaniline	15.66	138	298793	45.171	ng		98
63) Azobenzene	15.93	77	1234971	51.017	ng		99
65) 4,6-Dinitro-2-methylphenol	15.71	198	201434	49.279	ng		99
66) n-Nitrosodiphenylamine	15.85	169	1114442	47.825	ng		99
67) 4-Bromophenyl-phenylether	16.53	248	404653	45.469	ng		99
68) Hexachlorobenzene	16.65	284	432412	45.092	ng		98
69) Atrazine	16.80	200	429443	56.695	ng		98
70) Pentachlorophenol	16.99	266	469287	88.775	ng		99
71) Phenanthrene	17.38	178	1828181	48.168	ng		98
72) Anthracene	17.47	178	1870382	49.864	ng		97
73) Carbazole	17.74	167	1728874	49.898	ng		99
74) Di-n-butylphthalate	18.31	149	2085071	47.133	ng		99
75) Fluoranthene	19.39	202	2070396	47.698	ng		98
77) Benzidine	19.56	184	181561	10.769	ng		98
78) Pyrene	19.75	202	2085723	47.639	ng		97
80) Butylbenzylphthalate	20.64	149	1004717	48.201	ng		98
81) Benzo(a)anthracene	21.57	228	2008798	48.299	ng		98
82) 3,3'-Dichlorobenzidine	21.49	252	257391	15.665	ng		97
83) Chrysene	21.64	228	1921565	48.623	ng		97
84) Bis(2-ethylhexyl)phthalate	21.50	149	1400515	48.695	ng		98
85) Di-n-octyl phthalate	22.69	149	2391796	49.466	ng		100
86) Indeno(1,2,3-cd)pyrene	28.28	276	2612666	48.647	ng	#	89
88) Benzo(b)fluoranthene	23.73	252	2200223	48.416	ng		99
89) Benzo(k)fluoranthene	23.80	252	2075047	48.018	ng		99
90) Benzo(a)pyrene	24.57	252	2022125	47.146	ng		99
91) Dibenzo(a,h)anthracene	28.34	278	2129994	49.448	ng		99
92) Benzo(g,h,i)perylene	29.39	276	2133988	49.875	ng		100

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

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