Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060419\
Data File : BG041060.D
Acq On : 4 Jun 2019 16:19
Operator : HP/JU
Sample : PB120267BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB120267BS

Manual Integrations APPROVED
mohammad
6/5/2019 3:40:11 PM

Quant Time: Jun 05 05:34:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	37203	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	136689	20.00	ng	-0.01
39) Acenaphthene-d10	14.74	164	98251	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	261342	20.00	ng	-0.01
76) Chrysene-d12	21.77	240	282892	20.00	ng	-0.02
87) Perylene-d12	25.10	264	306526	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	278152	134.82	ng	0.00
7) Phenol-d6	7.26	99	386315	121.24	ng	0.00
23) Nitrobenzene-d5	9.29	82	258180	83.85	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	212246	145.51	ng	-0.01
45) 2-Fluorobiphenyl	13.36	172	585628	85.84	ng	-0.02
79) Terphenyl-d14	20.08	244	1149802	86.26	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	40246	42.988	ng	# 92
3) Pyridine	3.92	79	106051	38.282	ng	96
4) n-Nitrosodimethylamine	3.84	42	55692	43.317	ng	# 96
6) Aniline	7.44	93	102188	24.027	ng	97
8) 2-Chlorophenol	7.67	128	104670	42.555	ng	95
9) Benzaldehyde	7.25	77	39786	20.932	ng	86
10) Phenol	7.29	94	139120	40.721	ng	98
11) bis(2-Chloroethyl)ether	7.53	93	94407	38.092	ng	97
12) 1,3-Dichlorobenzene	8.00	146	119013	40.512	ng	98
13) 1,4-Dichlorobenzene	8.15	146	122248	41.111	ng	98
14) 1,2-Dichlorobenzene	8.46	146	113667	39.369	ng	99
15) Benzyl Alcohol	8.35	79	116554	39.544	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.63	45	149717	36.968	ng	99
17) 2-Methylphenol	8.55	107	96924	39.183	ng	98
18) Hexachloroethane	9.20	117	45647	39.828	ng	98
19) n-Nitroso-di-n-propylamine	8.92	70	91303	37.235	ng	96
20) 3+4-Methylphenols	8.88	107	134998	39.399	ng	99
22) Acetophenone	8.94	105	170411	44.443	ng	# 98
24) Nitrobenzene	9.33	77	141924	45.231	ng	100
25) Isophorone	9.84	82	257164	43.888	ng	99
26) 2-Nitrophenol	10.04	139	62720	48.486	ng	95
27) 2,4-Dimethylphenol	10.09	122	106223	49.721	ng	90
28) bis(2-Chloroethoxy)methane	10.33	93	132524	41.904	ng	97
29) 2,4-Dichlorophenol	10.57	162	124758	45.986	ng	95
30) 1,2,4-Trichlorobenzene	10.79	180	127814	41.414	ng	97
31) Naphthalene	10.98	128	322611	43.959	ng	99
32) Benzoic acid	10.20	122	53581m	34.921	ng	
33) 4-Chloroaniline	11.10	127	84303	24.757	ng	96
34) Hexachlorobutadiene	11.24	225	94327	39.945	ng	96
35) Caprolactam	11.88	113	40938m	45.696	ng	
36) 4-Chloro-3-methylphenol	12.20	107	140426	45.323	ng	97
37) 2-Methylnaphthalene	12.58	142	237728	42.058	ng	98
38) 1-Methylnaphthalene	12.80	142	226231m	42.474	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	170508	43.057	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	222297	101.913	ng		98
43) 2,4,6-Trichlorophenol	13.18	196	118696	46.333	ng		98
44) 2,4,5-Trichlorophenol	13.25	196	127778	47.294	ng		98
46) 1,1'-Biphenyl	13.58	154	326145	44.845	ng		100
47) 2-Chloronaphthalene	13.63	162	265582	42.537	ng		99
48) 2-Nitroaniline	13.83	65	102628	45.819	ng		95
49) Acenaphthylene	14.47	152	425591	45.291	ng		98
50) Dimethylphthalate	14.19	163	368741	44.336	ng		98
51) 2,6-Dinitrotoluene	14.32	165	81482	45.439	ng		97
52) Acenaphthene	14.81	154	243425	42.762	ng		94
53) 3-Nitroaniline	14.66	138	52220	29.122	ng		93
54) 2,4-Dinitrophenol	14.86	184	89076	90.291	ng		95
55) Dibenzofuran	15.14	168	428530	44.738	ng		98
56) 4-Nitrophenol	14.95	139	136299	110.818	ng		93
57) 2,4-Dinitrotoluene	15.10	165	118496	46.780	ng	#	96
58) Fluorene	15.78	166	341167	44.724	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	131489	49.522	ng		99
60) Diethylphthalate	15.54	149	378451	44.588	ng		100
61) 4-Chlorophenyl-phenylether	15.77	204	212530	42.864	ng		96
62) 4-Nitroaniline	15.82	138	87685	46.190	ng		96
63) Azobenzene	16.07	77	344610	44.671	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	72521	51.108	ng		99
66) n-Nitrosodiphenylamine	15.99	169	315273	42.914	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	139873	39.659	ng		94
68) Hexachlorobenzene	16.78	284	148454	39.529	ng		98
69) Atrazine	16.93	200	136454	48.136	ng		97
70) Pentachlorophenol	17.13	266	179407	88.686	ng		96
71) Phenanthrene	17.53	178	596971	43.853	ng		99
72) Anthracene	17.62	178	619544	46.145	ng		99
73) Carbazole	17.89	167	553571	48.053	ng		98
74) Di-n-butylphthalate	18.42	149	639397	44.657	ng		99
75) Fluoranthene	19.53	202	796855	47.392	ng		99
77) Benzidine	19.72	184	325024	48.163	ng		96
78) Pyrene	19.90	202	799098	43.453	ng		99
80) Butylbenzylphthalate	20.76	149	303112	42.355	ng		98
81) Benzo(a)anthracene	21.75	228	795616	42.250	ng		100
82) 3,3'-Dichlorobenzidine	21.66	252	182358	27.533	ng		97
83) Chrysene	21.82	228	783922	43.502	ng		100
84) Bis(2-ethylhexyl)phthalate	21.61	149	421211	41.810	ng		100
85) Di-n-octyl phthalate	22.86	149	735277	43.823	ng		99
86) Indeno(1,2,3-cd)pyrene	28.93	276	965550	43.740	ng	#	96
88) Benzo(b)fluoranthene	24.03	252	810108	43.573	ng		98
89) Benzo(k)fluoranthene	24.10	252	803840	43.692	ng		99
90) Benzo(a)pyrene	24.94	252	799006	45.045	ng		98
91) Dibenzo(a,h)anthracene	28.99	278	799379	45.102	ng		99
92) Benzo(g,h,i)perylene	30.14	276	805638	46.787	ng		97

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

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