Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG121719\
Data File : BG043819.D
Acq On : 17 Dec 2019 14:30
Operator : JU
Sample : PB125483BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB125483BS

Manual Integrations APPROVED
mohammad
12/18/2019 2:40:40 PM

Quant Time: Dec 17 15:20:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 18:16:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	107200	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	492043	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	377712	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	883325	20.00	ng	0.00
76) Chrysene-d12	21.63	240	744272	20.00	ng	0.00
87) Perylene-d12	24.79	264	838563	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	802096	141.77	ng	0.00
7) Phenol-d6	7.17	99	1109020	135.92	ng	0.01
23) Nitrobenzene-d5	9.16	82	687104	78.41	ng	0.00
42) 2,4,6-Tribromophenol	16.12	330	474327	131.72	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	1637422	76.15	ng	0.00
79) Terphenyl-d14	19.98	244	2460330	79.53	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	103792	39.615	ng	99
3) Pyridine	3.88	79	262790	36.297	ng	98
4) n-Nitrosodimethylamine	3.79	42	141666	40.810	ng	98
6) Aniline	7.32	93	371834	34.440	ng	97
8) 2-Chlorophenol	7.57	128	331064	50.211	ng	96
9) Benzaldehyde	7.13	77	222512	55.245	ng	94
10) Phenol	7.20	94	427589	50.758	ng	100
11) bis(2-Chloroethyl)ether	7.42	93	306789	42.919	ng	97
12) 1,3-Dichlorobenzene	7.89	146	331562	41.963	ng	98
13) 1,4-Dichlorobenzene	8.04	146	330100	41.796	ng	98
14) 1,2-Dichlorobenzene	8.36	146	314926	41.385	ng	99
15) Benzyl Alcohol	8.24	79	304293	46.861	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	457252	39.913	ng	97
17) 2-Methylphenol	8.45	107	303287	50.435	ng	99
18) Hexachloroethane	9.09	117	119504	41.640	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	258866	41.498	ng	99
20) 3+4-Methylphenols	8.77	107	422508	50.459	ng	98
22) Acetophenone	8.82	105	462285	37.673	ng	99
24) Nitrobenzene	9.20	77	368767	41.312	ng	98
25) Isophorone	9.73	82	713878	40.789	ng	98
26) 2-Nitrophenol	9.91	139	180648	51.105	ng	99
27) 2,4-Dimethylphenol	9.98	122	344290	55.668	ng	99
28) bis(2-Chloroethoxy)methane	10.21	93	442493	39.498	ng	99
29) 2,4-Dichlorophenol	10.45	162	363775	47.897	ng	100
30) 1,2,4-Trichlorobenzene	10.67	180	347447	38.646	ng	96
31) Naphthalene	10.86	128	986179	41.770	ng	99
32) Benzoic acid	10.11	122	190761	44.980	ng	93
33) 4-Chloroaniline	10.96	127	268125	23.423	ng	98
34) Hexachlorobutadiene	11.15	225	198994	36.529	ng	96
35) Caprolactam	11.73	113	146629m	49.193	ng	
36) 4-Chloro-3-methylphenol	12.08	107	401537	49.109	ng	99
37) 2-Methylnaphthalene	12.46	142	784688	42.880	ng	98
38) 1-Methylnaphthalene	12.68	142	752510	43.245	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	402377	35.452	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	519823	97.577	ng		100
43) 2,4,6-Trichlorophenol	13.06	196	324183	44.938	ng		99
44) 2,4,5-Trichlorophenol	13.14	196	342308	45.292	ng		94
46) 1,1'-Biphenyl	13.47	154	1011274	38.836	ng		100
47) 2-Chloronaphthalene	13.51	162	818433	38.446	ng		99
48) 2-Nitroaniline	13.70	65	271617	43.263	ng		95
49) Acenaphthylene	14.35	152	1327513	41.862	ng		98
50) Dimethylphthalate	14.08	163	1090338	40.444	ng		100
51) 2,6-Dinitrotoluene	14.19	165	257632	44.345	ng		100
52) Acenaphthene	14.69	154	927925	44.480	ng		97
53) 3-Nitroaniline	14.52	138	188594	28.367	ng		94
54) 2,4-Dinitrophenol	14.73	184	250075	96.750	ng		90
55) Dibenzofuran	15.03	168	1299945	42.096	ng		100
56) 4-Nitrophenol	14.84	139	487406	100.489	ng		99
57) 2,4-Dinitrotoluene	14.98	165	369314	47.045	ng		95
58) Fluorene	15.68	166	1056782	42.457	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.25	232	318037m	46.900	ng		
60) Diethylphthalate	15.45	149	1112836	41.325	ng		100
61) 4-Chlorophenyl-phenylether	15.67	204	570579	40.932	ng		99
62) 4-Nitroaniline	15.69	138	272074	39.496	ng		99
63) Azobenzene	15.96	77	1036387	41.893	ng		99
65) 4,6-Dinitro-2-methylphenol	15.75	198	183087	52.590	ng		98
66) n-Nitrosodiphenylamine	15.88	169	1001745	40.803	ng		99
67) 4-Bromophenyl-phenylether	16.56	248	364100	38.554	ng		97
68) Hexachlorobenzene	16.69	284	376653	37.604	ng		98
69) Atrazine	16.83	200	393661	50.297	ng		99
70) Pentachlorophenol	17.03	266	451519	84.744	ng		98
71) Phenanthrene	17.41	178	1688036	40.367	ng		99
72) Anthracene	17.50	178	1755262	42.403	ng		99
73) Carbazole	17.77	167	1584233	40.942	ng		99
74) Di-n-butylphthalate	18.34	149	1833188	41.326	ng		100
75) Fluoranthene	19.42	202	1946690	40.675	ng		99
77) Benzidine	19.59	184	905068	55.740	ng		98
78) Pyrene	19.78	202	1959848	40.294	ng		99
80) Butylbenzylphthalate	20.68	149	874319	43.161	ng		98
81) Benzo(a)anthracene	21.61	228	1900726	40.463	ng		99
82) 3,3'-Dichlorobenzidine	21.53	252	565827	32.607	ng		100
83) Chrysene	21.67	228	1797040	40.154	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	1202674	41.391	ng		98
85) Di-n-octyl phthalate	22.74	149	2074940	43.682	ng		100
86) Indeno(1,2,3-cd)pyrene	28.38	276	2002424	34.958	ng	#	95
88) Benzo(b)fluoranthene	23.80	252	1894321	39.235	ng		99
89) Benzo(k)fluoranthene	23.86	252	1920808	41.184	ng		99
90) Benzo(a)pyrene	24.65	252	1799715	39.114	ng		99
91) Dibenzo(a,h)anthracene	28.44	278	1632819	35.528	ng		98
92) Benzo(g,h,i)perylene	29.49	276	1588276	35.021	ng		99

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

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