Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
Data File : BG039185.D
Acq On : 17 Jan 2019 14:07
Operator : JU/SJ
Sample : PB116407BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116407BS

Manual Integrations APPROVED
Sohil
1/18/2019 11:20:56 AM

Quant Time: Jan 18 04:28:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	26055	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	103067	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	73547	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	201539	20.00	ng	0.00
76) Chrysene-d12	21.68	240	235047	20.00	ng	0.00
87) Perylene-d12	24.94	264	256578	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	193973	141.23	ng	0.00
7) Phenol-d6	7.18	99	256864	129.95	ng	0.00
23) Nitrobenzene-d5	9.19	82	159153	84.50	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	171025	138.72	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	400509	74.53	ng	0.00
79) Terphenyl-d14	20.01	244	972276	76.52	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	16683	31.017	ng	98
3) Pyridine	3.85	79	42077	28.790	ng	95
4) n-Nitrosodimethylamine	3.77	42	29485	44.833	ng	93
6) Aniline	7.35	93	71658	30.186	ng	96
8) 2-Chlorophenol	7.58	128	61973	38.277	ng	93
9) Benzaldehyde	7.16	77	15964	14.004	ng	99
10) Phenol	7.21	94	77852	39.285	ng	97
11) bis(2-Chloroethyl)ether	7.44	93	52618	34.740	ng	98
12) 1,3-Dichlorobenzene	7.90	146	66951	34.514	ng	99
13) 1,4-Dichlorobenzene	8.05	146	75656	38.509	ng	99
14) 1,2-Dichlorobenzene	8.37	146	68122	36.367	ng	94
15) Benzyl Alcohol	8.26	79	58729	39.453	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	110412	38.016	ng	99
17) 2-Methylphenol	8.46	107	53045	38.548	ng	98
18) Hexachloroethane	9.09	117	27378	41.019	ng	96
19) n-Nitroso-di-n-propylamine	8.82	70	46873	36.111	ng	93
20) 3+4-Methylphenols	8.79	107	79259	40.399	ng	96
22) Acetophenone	8.85	105	97086	36.070	ng	96
24) Nitrobenzene	9.24	77	75211	39.505	ng	97
25) Isophorone	9.75	82	153353	47.265	ng	98
26) 2-Nitrophenol	9.94	139	40544	39.372	ng	98
27) 2,4-Dimethylphenol	10.00	122	64482	44.508	ng	87
28) bis(2-Chloroethoxy)methane	10.23	93	78806	40.414	ng	99
29) 2,4-Dichlorophenol	10.48	162	80800	44.893	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	81503	37.688	ng	98
31) Naphthalene	10.88	128	198961	38.489	ng	97
32) Benzoic acid	10.16	122	26976m	33.763	ng	
33) 4-Chloroaniline	11.01	127	46339	20.034	ng	97
34) Hexachlorobutadiene	11.14	225	58212	39.120	ng	99
35) Caprolactam	11.84	113	29219m	40.485	ng	
36) 4-Chloro-3-methylphenol	12.12	107	78531	40.795	ng	98
37) 2-Methylnaphthalene	12.48	142	176836	45.628	ng	97
38) 1-Methylnaphthalene	12.71	142	147617	39.682	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	100357	36.333	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	110340	71.579	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	67593	38.882	ng		99
44) 2,4,5-Trichlorophenol	13.17	196	73501	40.004	ng		97
46) 1,1'-Biphenyl	13.49	154	210164	36.063	ng		98
47) 2-Chloronaphthalene	13.54	162	171585	36.384	ng		99
48) 2-Nitroaniline	13.75	65	53592	40.564	ng		99
49) Acenaphthylene	14.39	152	274571	38.736	ng		98
50) Dimethylphthalate	14.11	163	237592	38.228	ng		100
51) 2,6-Dinitrotoluene	14.25	165	56078	40.358	ng		96
52) Acenaphthene	14.72	154	160936	37.789	ng		94
53) 3-Nitroaniline	14.58	138	46019	32.647	ng		98
54) 2,4-Dinitrophenol	14.79	184	74083	88.557	ng		94
55) Dibenzofuran	15.06	168	276436	36.752	ng		98
56) 4-Nitrophenol	14.89	139	91542	90.257	ng		95
57) 2,4-Dinitrotoluene	15.03	165	78278	39.266	ng	#	97
58) Fluorene	15.70	166	234187	41.364	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	73139	42.170	ng		98
60) Diethylphthalate	15.46	149	283221	44.230	ng		100
61) 4-Chlorophenyl-phenylether	15.69	204	128070	35.905	ng		95
62) 4-Nitroaniline	15.75	138	55106	37.527	ng		95
63) Azobenzene	15.98	77	192742	38.490	ng		98
65) 4,6-Dinitro-2-methylphenol	15.79	198	57738	38.669	ng		99
66) n-Nitrosodiphenylamine	15.91	169	225896	37.809	ng		100
67) 4-Bromophenyl-phenylether	16.58	248	103132	39.809	ng		98
68) Hexachlorobenzene	16.70	284	103525	36.621	ng		97
69) Atrazine	16.85	200	93797	36.955	ng		97
70) Pentachlorophenol	17.05	266	115367	67.063	ng		96
71) Phenanthrene	17.45	178	469421	44.066	ng		99
72) Anthracene	17.54	178	461533	43.819	ng		99
73) Carbazole	17.82	167	414684	39.882	ng		100
74) Di-n-butylphthalate	18.35	149	468715	40.521	ng		99
75) Fluoranthene	19.46	202	604898	45.805	ng		99
77) Benzidine	19.64	184	208509	29.003	ng		97
78) Pyrene	19.82	202	599624	40.030	ng		98
80) Butylbenzylphthalate	20.69	149	249911	43.866	ng		100
81) Benzo(a)anthracene	21.66	228	591322	41.327	ng		100
82) 3,3'-Dichlorobenzidine	21.58	252	167843	28.790	ng		100
83) Chrysene	21.73	228	542305	39.850	ng		98
84) Bis(2-ethylhexyl)phthalate	21.52	149	327909	41.452	ng		95
85) Di-n-octyl phthalate	22.74	149	557365	41.669	ng		99
86) Indeno(1,2,3-cd)pyrene	28.69	276	646683	39.769	ng	#	92
88) Benzo(b)fluoranthene	23.90	252	684310m	48.369	ng		
89) Benzo(k)fluoranthene	23.97	252	631959	45.178	ng	#	98
90) Benzo(a)pyrene	24.80	252	626696	45.828	ng		99
91) Dibenzo(a,h)anthracene	28.76	278	532801	39.171	ng		100
92) Benzo(g,h,i)perylene	29.88	276	531819	39.494	ng		99

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

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