Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041919\
Data File : BG040572.D
Acq On : 19 Apr 2019 21:40
Operator : JU/SJ
Sample : PB119049BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB119049BS

Quant Time: Apr 20 02:32:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 13 00:33:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	68358	20.00	ng		-0.02
21) Naphthalene-d8	10.84	136	289426	20.00	ng		-0.02
39) Acenaphthene-d10	14.67	164	182240	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	452854	20.00	ng		0.00
76) Chrysene-d12	21.69	240	470071	20.00	ng		0.00
87) Perylene-d12	24.96	264	414255	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	325371	79.13	ng		-0.02
7) Phenol-d6	7.19	99	477056	83.95	ng		0.00
23) Nitrobenzene-d5	9.21	82	454572	83.48	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	177848	90.30	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	974091	79.20	ng		0.00
79) Terphenyl-d14	20.01	244	1698862	81.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	73781	38.159	ng		98
3) Pyridine	3.88	79	203731	39.135	ng		100
4) n-Nitrosodimethylamine	3.80	42	102631	42.619	ng	#	95
6) Aniline	7.36	93	269911	36.557	ng		99
8) 2-Chlorophenol	7.59	128	191405	39.764	ng		98
9) Benzaldehyde	7.18	77	86517	22.195	ng		99
10) Phenol	7.22	94	265074	42.974	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	195011	39.473	ng		99
12) 1,3-Dichlorobenzene	7.92	146	206636	39.491	ng		98
13) 1,4-Dichlorobenzene	8.06	146	211771	40.635	ng		99
14) 1,2-Dichlorobenzene	8.39	146	200053	40.141	ng		100
15) Benzyl Alcohol	8.28	79	183984	40.201	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	382853	40.379	ng		98
17) 2-Methylphenol	8.47	107	174141	40.799	ng		99
18) Hexachloroethane	9.11	117	76054	38.366	ng		98
19) n-Nitroso-di-n-propylamine	8.83	70	162472	39.876	ng		98
20) 3+4-Methylphenols	8.80	107	246719	42.668	ng		96
22) Acetophenone	8.86	105	313732	43.455	ng	#	94
24) Nitrobenzene	9.25	77	245283	43.501	ng		97
25) Isophorone	9.76	82	469627	41.917	ng		99
26) 2-Nitrophenol	9.96	139	116981	43.784	ng		97
27) 2,4-Dimethylphenol	10.00	122	181034	42.657	ng		98
28) bis(2-Chloroethoxy)methane	10.24	93	268239	40.468	ng		98
29) 2,4-Dichlorophenol	10.49	162	198286	43.045	ng		99
30) 1,2,4-Trichlorobenzene	10.70	180	209012	41.322	ng		97
31) Naphthalene	10.90	128	637304	42.959	ng		98
32) Benzoic acid	10.18	122	85897	33.499	ng		91
33) 4-Chloroaniline	11.01	127	271516	42.907	ng		98
34) Hexachlorobutadiene	11.15	225	129865	40.145	ng		96
35) Caprolactam	11.81	113	114812m	62.806	ng		
36) 4-Chloro-3-methylphenol	12.12	107	344827	65.114	ng		96
37) 2-Methylnaphthalene	12.49	142	656514	59.836	ng		100
38) 1-Methylnaphthalene	12.72	142	527523	49.582	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	240130	41.457	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	185726	58.398	ng		95
43) 2,4,6-Trichlorophenol	13.10	196	156423	41.887	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	170043	41.775	ng		98
46) 1,1'-Biphenyl	13.50	154	601246	41.755	ng		98
47) 2-Chloronaphthalene	13.55	162	463787	41.990	ng		98
48) 2-Nitroaniline	13.76	65	173120	46.467	ng		95
49) Acenaphthylene	14.39	152	761479	40.662	ng		99
50) Dimethylphthalate	14.12	163	611864	42.899	ng		98
51) 2,6-Dinitrotoluene	14.25	165	142199	44.402	ng		99
52) Acenaphthene	14.73	154	455015	42.403	ng		98
53) 3-Nitroaniline	14.59	138	150983	44.538	ng		90
54) 2,4-Dinitrophenol	14.79	184	149693	87.891	ng		99
55) Dibenzofuran	15.06	168	745159	43.215	ng		96
56) 4-Nitrophenol	14.89	139	241269	88.184	ng		91
57) 2,4-Dinitrotoluene	15.04	165	204056	45.856	ng		92
58) Fluorene	15.71	166	589277	43.468	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	153661	41.601	ng		97
60) Diethylphthalate	15.47	149	648012	44.399	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	309182	42.667	ng		95
62) 4-Nitroaniline	15.76	138	172197	47.333	ng		96
63) Azobenzene	15.99	77	611847	44.443	ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	119319	46.898	ng		92
66) n-Nitrosodiphenylamine	15.92	169	550985	41.578	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	209934	41.194	ng		97
68) Hexachlorobenzene	16.71	284	214306	41.824	ng		96
69) Atrazine	16.85	200	50032	10.149	ng		97
70) Pentachlorophenol	17.06	266	206373	69.665	ng		98
71) Phenanthrene	17.45	178	1008207	42.357	ng		99
72) Anthracene	17.55	178	1011526	42.457	ng		99
73) Carbazole	17.82	167	1101060	48.833	ng		99
74) Di-n-butylphthalate	18.35	149	1143640	42.790	ng		99
75) Fluoranthene	19.46	202	1224350	43.439	ng		100
77) Benzidine	19.65	184	633128	37.298	ng		98
78) Pyrene	19.83	202	1238412	40.062	ng		97
80) Butylbenzylphthalate	20.70	149	703914	53.215	ng		96
81) Benzo(a)anthracene	21.67	228	1200666	41.468	ng		96
82) 3,3'-Dichlorobenzidine	21.58	252	447208	40.603	ng		98
83) Chrysene	21.74	228	1134514	40.771	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	801605	42.393	ng		99
85) Di-n-octyl phthalate	22.75	149	1373249	42.626	ng		99
86) Indeno(1,2,3-cd)pyrene	28.73	276	1830059	53.772	ng	#	89
88) Benzo(b)fluoranthene	23.92	252	1246542	49.149	ng		98
89) Benzo(k)fluoranthene	23.99	252	1186891	50.888	ng		99
90) Benzo(a)pyrene	24.81	252	1267482	53.264	ng		99
91) Dibenzo(a,h)anthracene	28.80	278	1524533	68.980	ng		97
92) Benzo(g,h,i)perylene	29.92	276	1190097	52.396	ng		98

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

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