Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061220\
Data File : BG045743.D
Acq On : 12 Jun 2020 16:41
Operator : CG/JU
Sample : PB129506BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB129506BS

Quant Time: Jun 12 18:36:47 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	59010	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	242833	20.00	ng		0.00
39) Acenaphthene-d10	14.59	164	170764	20.00	ng		0.00
64) Phenanthrene-d10	17.34	188	386727	20.00	ng		0.00
76) Chrysene-d12	21.60	240	343581	20.00	ng		0.00
87) Perylene-d12	24.74	264	371715	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	463880	153.63	ng		0.03
7) Phenol-d6	7.19	99	658220	153.16	ng		0.04
23) Nitrobenzene-d5	9.11	82	426504	95.78	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	298998	136.91	ng		0.00
45) 2-Fluorobiphenyl	13.21	172	939828	93.35	ng		0.00
79) Terphenyl-d14	19.96	244	1456360	98.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	60098	40.137	ng		94
3) Pyridine	3.80	79	171500	41.125	ng		97
4) n-Nitrosodimethylamine	3.72	42	72123	52.853	ng		94
6) Aniline	7.28	93	214791	38.286	ng		95
8) 2-Chlorophenol	7.54	128	184056	55.585	ng		98
9) Benzaldehyde	7.08	77	124271	44.382	ng		98
10) Phenol	7.21	94	246964	55.757	ng		98
11) bis(2-Chloroethyl)ether	7.37	93	168728	48.838	ng		95
12) 1,3-Dichlorobenzene	7.84	146	193736	48.687	ng		99
13) 1,4-Dichlorobenzene	7.98	146	193110	49.176	ng		94
14) 1,2-Dichlorobenzene	8.30	146	186836	49.468	ng		94
15) Benzyl Alcohol	8.21	79	184964	52.099	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.48	45	163108	49.736	ng		98
17) 2-Methylphenol	8.45	107	165460	49.908	ng		96
18) Hexachloroethane	9.03	117	75583	50.255	ng		96
19) n-Nitroso-di-n-propylamine	8.76	70	158933	53.479	ng		97
20) 3+4-Methylphenols	8.78	107	220399	48.819	ng	#	54
22) Acetophenone	8.77	105	275333	47.839	ng	#	92
24) Nitrobenzene	9.15	77	234951	49.246	ng		95
25) Isophorone	9.68	82	421095	48.017	ng		98
26) 2-Nitrophenol	9.87	139	103356	50.641	ng		95
27) 2,4-Dimethylphenol	9.96	122	168034	55.511	ng		99
28) bis(2-Chloroethoxy)methane	10.16	93	233982	50.875	ng		97
29) 2,4-Dichlorophenol	10.44	162	187460	52.442	ng		96
30) 1,2,4-Trichlorobenzene	10.62	180	201881	47.795	ng		98
31) Naphthalene	10.80	128	548943	48.511	ng		99
32) Benzoic acid	10.16	122	93459	45.940	ng	#	83
33) 4-Chloroaniline	10.93	127	117068	24.750	ng		96
34) Hexachlorobutadiene	11.09	225	139652	46.773	ng		98
35) Caprolactam	11.70	113	63802	48.627	ng	#	86
36) 4-Chloro-3-methylphenol	12.10	107	216142	53.660	ng		97
37) 2-Methylnaphthalene	12.41	142	423037	50.158	ng		98
38) 1-Methylnaphthalene	12.63	142	395667	49.663	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	233562	48.968	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	283943	103.140	ng		99
43) 2,4,6-Trichlorophenol	13.05	196	167219	50.469	ng		95
44) 2,4,5-Trichlorophenol	13.14	196	177081	46.769	ng		98
46) 1,1'-Biphenyl	13.42	154	536397	51.121	ng		99
47) 2-Chloronaphthalene	13.46	162	417322	48.979	ng		99
48) 2-Nitroaniline	13.68	65	136570	48.727	ng		95
49) Acenaphthylene	14.32	152	665858	48.653	ng		99
50) Dimethylphthalate	14.05	163	557426	47.585	ng		98
51) 2,6-Dinitrotoluene	14.17	165	127065	48.070	ng		98
52) Acenaphthene	14.66	154	404054	44.105	ng		99
53) 3-Nitroaniline	14.52	138	81425	30.303	ng		94
54) 2,4-Dinitrophenol	14.72	184	114189	66.905	ng		97
55) Dibenzofuran	14.99	168	657937	48.362	ng		96
56) 4-Nitrophenol	14.90	139	156059	76.711	ng		87
57) 2,4-Dinitrotoluene	14.96	165	179887	46.989	ng		96
58) Fluorene	15.64	166	546046	48.856	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	168457	50.571	ng		99
60) Diethylphthalate	15.42	149	571515	46.874	ng		99
61) 4-Chlorophenyl-phenylether	15.63	204	297866	46.573	ng		98
62) 4-Nitroaniline	15.69	138	112524	40.113	ng		99
63) Azobenzene	15.93	77	565604	49.750	ng		98
65) 4,6-Dinitro-2-methylphenol	15.73	198	103386	45.903	ng		91
66) n-Nitrosodiphenylamine	15.86	169	484000	52.125	ng		96
67) 4-Bromophenyl-phenylether	16.53	248	208218	49.722	ng		96
68) Hexachlorobenzene	16.65	284	222656	50.836	ng		98
69) Atrazine	16.81	200	179446	46.920	ng		98
70) Pentachlorophenol	17.01	266	203964	89.685	ng		99
71) Phenanthrene	17.38	178	850215	50.360	ng		100
72) Anthracene	17.48	178	867702	51.179	ng		99
73) Carbazole	17.75	167	772855	46.765	ng		99
74) Di-n-butylphthalate	18.31	149	938021	47.289	ng		100
75) Fluoranthene	19.40	202	1008064	46.944	ng		99
77) Benzidine	19.58	184	399497	41.400	ng		99
78) Pyrene	19.76	202	990698	50.583	ng		99
80) Butylbenzylphthalate	20.64	149	409036	48.385	ng		98
81) Benzo(a)anthracene	21.58	228	941441	49.188	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	277244	36.927	ng		98
83) Chrysene	21.65	228	923248	50.167	ng		99
84) Bis(2-ethylhexyl)phthalate	21.50	149	576445	49.605	ng		99
85) Di-n-octyl phthalate	22.68	149	960002	48.099	ng		99
86) Indeno(1,2,3-cd)pyrene	28.32	276	1161528	48.264	ng	#	97
88) Benzo(b)fluoranthene	23.76	252	1026074	51.470	ng		100
89) Benzo(k)fluoranthene	23.82	252	965809	51.567	ng		98
90) Benzo(a)pyrene	24.60	252	921245	49.619	ng		96
91) Dibenzo(a,h)anthracene	28.38	278	941520	50.463	ng		99
92) Benzo(g,h,i)perylene	29.43	276	946988	50.750	ng		100

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

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