Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041919\
Data File : BG040573.D
Acq On : 19 Apr 2019 22:18
Operator : JU/SJ
Sample : PB119049BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB119049BSD

Quant Time: Apr 20 02:35:01 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	75253	20.00	ng		-0.01
21) Naphthalene-d8	10.85	136	441888	20.00	ng		-0.01
39) Acenaphthene-d10	14.67	164	193498	20.00	ng		-0.01
64) Phenanthrene-d10	17.41	188	449438	20.00	ng		0.00
76) Chrysene-d12	21.69	240	484524	20.00	ng		-0.01
87) Perylene-d12	24.96	264	394876	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	350338	77.39	ng		-0.01
7) Phenol-d6	7.19	99	508544	81.29	ng		0.00
23) Nitrobenzene-d5	9.21	82	506897	60.97	ng		-0.01
42) 2,4,6-Tribromophenol	16.16	330	176301	84.31	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1024794	78.48	ng		-0.01
79) Terphenyl-d14	20.02	244	1601503	74.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	82448	38.735	ng		99
3) Pyridine	3.90	79	233644	40.769	ng		98
4) n-Nitrosodimethylamine	3.81	42	110804	41.797	ng	#	93
6) Aniline	7.36	93	292755	36.018	ng		99
8) 2-Chlorophenol	7.60	128	207958	39.245	ng		94
9) Benzaldehyde	7.18	77	94959	22.128	ng		98
10) Phenol	7.22	94	277255	40.830	ng		96
11) bis(2-Chloroethyl)ether	7.46	93	214365	39.415	ng		97
12) 1,3-Dichlorobenzene	7.92	146	224439	38.963	ng		93
13) 1,4-Dichlorobenzene	8.07	146	240577	41.933	ng		98
14) 1,2-Dichlorobenzene	8.38	146	219275	39.967	ng		99
15) Benzyl Alcohol	8.28	79	200274	39.751	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	415106	39.769	ng		99
17) 2-Methylphenol	8.47	107	187305	39.862	ng		97
18) Hexachloroethane	9.11	117	84242	38.602	ng		98
19) n-Nitroso-di-n-propylamine	8.84	70	194324	43.323	ng		98
20) 3+4-Methylphenols	8.80	107	296665	46.605	ng		97
22) Acetophenone	8.86	105	340907	30.927	ng		99
24) Nitrobenzene	9.25	77	256243	29.765	ng		96
25) Isophorone	9.77	82	683657	39.967	ng		99
26) 2-Nitrophenol	9.96	139	173498	42.532	ng		97
27) 2,4-Dimethylphenol	10.01	122	266828	41.180	ng		97
28) bis(2-Chloroethoxy)methane	10.25	93	432156	42.703	ng		99
29) 2,4-Dichlorophenol	10.49	162	307039	43.656	ng		97
30) 1,2,4-Trichlorobenzene	10.71	180	323229	41.855	ng		99
31) Naphthalene	10.90	128	969356	42.797	ng		99
32) Benzoic acid	10.18	122	116583	29.779	ng		93
33) 4-Chloroaniline	11.01	127	409962	42.433	ng		100
34) Hexachlorobutadiene	11.16	225	191045	38.681	ng		96
35) Caprolactam	11.81	113	79818m	28.598	ng		
36) 4-Chloro-3-methylphenol	12.13	107	248582	30.745	ng		98
37) 2-Methylnaphthalene	12.50	142	508428	30.351	ng		99
38) 1-Methylnaphthalene	12.71	142	481779	29.659	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	259209	42.147	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	214271	63.453	ng		97
43) 2,4,6-Trichlorophenol	13.10	196	164649	41.524	ng		95
44) 2,4,5-Trichlorophenol	13.18	196	172675	39.954	ng		97
46) 1,1'-Biphenyl	13.50	154	626361	40.968	ng		99
47) 2-Chloronaphthalene	13.55	162	484742	41.334	ng		99
48) 2-Nitroaniline	13.76	65	174917	44.218	ng		94
49) Acenaphthylene	14.39	152	780355	39.246	ng		99
50) Dimethylphthalate	14.12	163	623476	41.170	ng		99
51) 2,6-Dinitrotoluene	14.25	165	145602	42.820	ng		98
52) Acenaphthene	14.73	154	469064	41.169	ng		97
53) 3-Nitroaniline	14.59	138	151841	42.185	ng		92
54) 2,4-Dinitrophenol	14.79	184	172408	95.338	ng		96
55) Dibenzofuran	15.06	168	761838	41.612	ng		98
56) 4-Nitrophenol	14.89	139	235098	80.929	ng		95
57) 2,4-Dinitrotoluene	15.04	165	203696	43.112	ng		94
58) Fluorene	15.71	166	601920	41.817	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.29	232	156806	39.982	ng		99
60) Diethylphthalate	15.47	149	648547	41.851	ng		100
61) 4-Chlorophenyl-phenylether	15.70	204	319088	41.472	ng		97
62) 4-Nitroaniline	15.75	138	169878	43.979	ng		95
63) Azobenzene	15.99	77	612387	41.894	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	118868	47.076	ng		95
66) n-Nitrosodiphenylamine	15.92	169	550962	41.892	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	209179	41.358	ng		96
68) Hexachlorobenzene	16.71	284	213036	41.892	ng		99
69) Atrazine	16.86	200	48042	9.820	ng		94
70) Pentachlorophenol	17.06	266	201151	68.418	ng		95
71) Phenanthrene	17.46	178	993426	42.053	ng		99
72) Anthracene	17.54	178	997027	42.166	ng		99
73) Carbazole	17.82	167	951363	42.515	ng		99
74) Di-n-butylphthalate	18.35	149	1115303	42.047	ng		100
75) Fluoranthene	19.47	202	1181510	42.238	ng		99
77) Benzidine	19.65	184	607621	34.728	ng		99
78) Pyrene	19.82	202	1176859	36.935	ng		98
80) Butylbenzylphthalate	20.69	149	544526	39.937	ng		99
81) Benzo(a)anthracene	21.66	228	1235171	41.388	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	468712	41.286	ng		99
83) Chrysene	21.74	228	1209493	42.169	ng		99
84) Bis(2-ethylhexyl)phthalate	21.53	149	803261	41.214	ng		100
85) Di-n-octyl phthalate	22.75	149	1318108	39.694	ng		98
86) Indeno(1,2,3-cd)pyrene	28.73	276	1364860	38.907	ng	#	88
88) Benzo(b)fluoranthene	23.91	252	1180474	48.829	ng		99
89) Benzo(k)fluoranthene	23.98	252	1135504	51.074	ng		99
90) Benzo(a)pyrene	24.81	252	1173376	51.729	ng		99
91) Dibenzo(a,h)anthracene	28.80	278	1094706	51.963	ng		98
92) Benzo(g,h,i)perylene	29.91	276	1137767	52.551	ng		98

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

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