Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041519\
Data File : BG040479.D
Acq On : 15 Apr 2019 14:18
Operator : JU/SJ
Sample : PB118875BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118875BS

Quant Time: Apr 15 23:20:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	48549	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	203481	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	129597	20.00	ng		-0.03
64) Phenanthrene-d10	17.43	188	352228	20.00	ng		-0.02
76) Chrysene-d12	21.70	240	387293	20.00	ng		-0.03
87) Perylene-d12	24.98	264	382413	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	394357	135.04	ng		-0.01
7) Phenol-d6	7.20	99	547068	135.55	ng		-0.02
23) Nitrobenzene-d5	9.22	82	332876	86.95	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	211584	151.07	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	761209	87.03	ng		-0.02
79) Terphenyl-d14	20.02	244	1413645	82.11	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	45816	33.364	ng		100
3) Pyridine	3.89	79	113928	30.814	ng		99
4) n-Nitrosodimethylamine	3.81	42	61858	36.169	ng	#	93
6) Aniline	7.37	93	152341	29.052	ng		99
8) 2-Chlorophenol	7.61	128	137736	40.290	ng		95
9) Benzaldehyde	7.19	77	61882	22.352	ng		95
10) Phenol	7.23	94	182780	41.723	ng		97
11) bis(2-Chloroethyl)ether	7.47	93	132423	37.741	ng		97
12) 1,3-Dichlorobenzene	7.93	146	135551	36.475	ng		95
13) 1,4-Dichlorobenzene	8.08	146	141259	38.165	ng		98
14) 1,2-Dichlorobenzene	8.40	146	136447	38.549	ng		99
15) Benzyl Alcohol	8.29	79	123534	38.006	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	258464	38.382	ng		98
17) 2-Methylphenol	8.48	107	125032	41.246	ng		97
18) Hexachloroethane	9.12	117	49920	35.457	ng		96
19) n-Nitroso-di-n-propylamine	8.85	70	106646	36.854	ng		99
20) 3+4-Methylphenols	8.81	107	172232	41.940	ng		97
22) Acetophenone	8.88	105	209648	41.303	ng	#	97
24) Nitrobenzene	9.26	77	158485	39.979	ng		99
25) Isophorone	9.78	82	306238	38.879	ng		98
26) 2-Nitrophenol	9.98	139	76135	40.532	ng		97
27) 2,4-Dimethylphenol	10.02	122	140517	47.095	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	183251	39.323	ng		98
29) 2,4-Dichlorophenol	10.50	162	140334	43.332	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	145004	40.776	ng		97
31) Naphthalene	10.91	128	433775	41.590	ng		98
32) Benzoic acid	10.17	122	38772	21.507	ng		87
33) 4-Chloroaniline	11.03	127	123886	27.846	ng		97
34) Hexachlorobutadiene	11.17	225	85764	37.710	ng		95
35) Caprolactam	11.81	113	53132	41.341	ng		96
36) 4-Chloro-3-methylphenol	12.14	107	161995	43.510	ng		99
37) 2-Methylnaphthalene	12.51	142	322858	41.855	ng		98
38) 1-Methylnaphthalene	12.73	142	306848	41.022	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	164364	39.903	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	177573	78.515	ng		96
43) 2,4,6-Trichlorophenol	13.12	196	112051	42.193	ng		98
44) 2,4,5-Trichlorophenol	13.19	196	124330	42.952	ng		96
46) 1,1'-Biphenyl	13.51	154	415011	40.529	ng		100
47) 2-Chloronaphthalene	13.56	162	322230	41.024	ng		99
48) 2-Nitroaniline	13.78	65	115039	43.420	ng		99
49) Acenaphthylene	14.41	152	545747	40.980	ng		99
50) Dimethylphthalate	14.13	163	429837	42.379	ng		97
51) 2,6-Dinitrotoluene	14.26	165	97937	43.003	ng		98
52) Acenaphthene	14.74	154	311256	40.788	ng		100
53) 3-Nitroaniline	14.60	138	81755	33.913	ng	#	94
54) 2,4-Dinitrophenol	14.81	184	88586	73.140	ng		93
55) Dibenzofuran	15.08	168	523653	42.705	ng		98
56) 4-Nitrophenol	14.91	139	166631	85.643	ng		96
57) 2,4-Dinitrotoluene	15.05	165	147679	46.667	ng	#	97
58) Fluorene	15.73	166	423329	43.911	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.30	232	123335	46.954	ng		98
60) Diethylphthalate	15.48	149	456854	44.017	ng		100
61) 4-Chlorophenyl-phenylether	15.71	204	220375	42.765	ng		95
62) 4-Nitroaniline	15.76	138	117504	45.419	ng		99
63) Azobenzene	16.00	77	425863	43.499	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	77140	38.982	ng		98
66) n-Nitrosodiphenylamine	15.93	169	403582	39.155	ng		100
67) 4-Bromophenyl-phenylether	16.60	248	150776	38.038	ng		96
68) Hexachlorobenzene	16.72	284	155532	39.025	ng		97
69) Atrazine	16.87	200	155325	40.511	ng		100
70) Pentachlorophenol	17.07	266	161810	70.226	ng		97
71) Phenanthrene	17.47	178	754216	40.738	ng		100
72) Anthracene	17.56	178	777488	41.957	ng		99
73) Carbazole	17.83	167	764028	43.566	ng		99
74) Di-n-butylphthalate	18.37	149	902752	43.427	ng		99
75) Fluoranthene	19.48	202	979686	44.688	ng		99
77) Benzidine	19.66	184	383770	27.440	ng		98
78) Pyrene	19.83	202	988895	38.828	ng		99
80) Butylbenzylphthalate	20.70	149	454437	41.697	ng		97
81) Benzo(a)anthracene	21.68	228	927728	38.890	ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	268635	29.603	ng		99
83) Chrysene	21.75	228	912165	39.787	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	647768	41.579	ng		99
85) Di-n-octyl phthalate	22.77	149	1106718	41.695	ng		100
86) Indeno(1,2,3-cd)pyrene	28.75	276	1111370	39.635	ng		99
88) Benzo(b)fluoranthene	23.93	252	997056	42.586	ng		98
89) Benzo(k)fluoranthene	24.00	252	980532	45.541	ng		99
90) Benzo(a)pyrene	24.83	252	992325	45.173	ng		99
91) Dibenzo(a,h)anthracene	28.81	278	886586	43.455	ng		98
92) Benzo(g,h,i)perylene	29.94	276	912767	43.532	ng		97

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

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