Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053119\
Data File : BG040979.D
Acq On : 31 May 2019 15:25
Operator : HP/JU
Sample : PB119288BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB119288BS

Quant Time: Jun 01 05:13:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	20361	20.00	ng		-0.01
21) Naphthalene-d8	10.95	136	76316	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	55892	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	147786	20.00	ng		0.00
76) Chrysene-d12	21.77	240	157513	20.00	ng		-0.01
87) Perylene-d12	25.12	264	161277	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	201741	178.67	ng		0.00
7) Phenol-d6	7.26	99	282507	162.00	ng		0.00
23) Nitrobenzene-d5	9.30	82	169467	98.58	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	143504	172.95	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	383169	98.73	ng		-0.01
79) Terphenyl-d14	20.09	244	786532	105.98	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	47981	93.642	ng		93
3) Pyridine	3.92	79	126535	83.459	ng		94
4) n-Nitrosodimethylamine	3.84	42	67145	95.423	ng		93
6) Aniline	7.44	93	127557	54.800	ng		98
8) 2-Chlorophenol	7.68	128	128602	95.533	ng		95
9) Benzaldehyde	7.26	77	55358	53.215	ng		90
10) Phenol	7.29	94	173992	93.055	ng		98
11) bis(2-Chloroethyl)ether	7.54	93	118579	87.420	ng		97
12) 1,3-Dichlorobenzene	8.00	146	137980	85.819	ng		98
13) 1,4-Dichlorobenzene	8.15	146	138851	85.318	ng		94
14) 1,2-Dichlorobenzene	8.48	146	134445	85.082	ng		98
15) Benzyl Alcohol	8.35	79	140832	87.303	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.64	45	190020	85.731	ng		98
17) 2-Methylphenol	8.55	107	119068	87.951	ng		98
18) Hexachloroethane	9.21	117	55038	87.745	ng		97
19) n-Nitroso-di-n-propylamine	8.92	70	111765	83.283	ng		97
20) 3+4-Methylphenols	8.88	107	162976	86.908	ng		98
22) Acetophenone	8.95	105	208036	97.177	ng	#	97
24) Nitrobenzene	9.34	77	169729	96.884	ng		99
25) Isophorone	9.85	82	314510	96.135	ng		98
26) 2-Nitrophenol	10.05	139	74578	103.263	ng		93
27) 2,4-Dimethylphenol	10.09	122	132732	111.279	ng		96
28) bis(2-Chloroethoxy)methane	10.33	93	166816	94.474	ng		98
29) 2,4-Dichlorophenol	10.58	162	145242	95.889	ng		98
30) 1,2,4-Trichlorobenzene	10.80	180	157446	91.374	ng		97
31) Naphthalene	10.99	128	391098	95.448	ng		100
32) Benzoic acid	10.21	122	68263	69.265	ng		92
33) 4-Chloroaniline	11.10	127	99234	52.196	ng		98
34) Hexachlorobutadiene	11.26	225	117915	89.436	ng		98
35) Caprolactam	11.88	113	47235	94.434	ng		98
36) 4-Chloro-3-methylphenol	12.20	107	166405	96.195	ng		99
37) 2-Methylnaphthalene	12.59	142	301137	95.423	ng		99
38) 1-Methylnaphthalene	12.81	142	283273	95.255	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	216897	96.281	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	282468	217.483	ng		95
43) 2,4,6-Trichlorophenol	13.18	196	144124	98.896	ng		97
44) 2,4,5-Trichlorophenol	13.26	196	150426	97.873	ng		97
46) 1,1'-Biphenyl	13.59	154	401977	97.161	ng		98
47) 2-Chloronaphthalene	13.64	162	331156	93.237	ng		99
48) 2-Nitroaniline	13.84	65	123124	96.630	ng		100
49) Acenaphthylene	14.48	152	518709	97.035	ng		98
50) Dimethylphthalate	14.20	163	452035	95.542	ng		98
51) 2,6-Dinitrotoluene	14.33	165	99248	97.292	ng		96
52) Acenaphthene	14.82	154	309220	95.487	ng		98
53) 3-Nitroaniline	14.66	138	67532	66.203	ng		94
54) 2,4-Dinitrophenol	14.86	184	81471	124.512	ng		95
55) Dibenzofuran	15.15	168	533181	97.850	ng		99
56) 4-Nitrophenol	14.95	139	160036	228.729	ng		93
57) 2,4-Dinitrotoluene	15.11	165	145004	100.629	ng		96
58) Fluorene	15.80	166	421251	97.074	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.37	232	159850	105.830	ng		100
60) Diethylphthalate	15.55	149	468152	96.958	ng		98
61) 4-Chlorophenyl-phenylether	15.78	204	270604	95.939	ng		97
62) 4-Nitroaniline	15.82	138	105399	97.598	ng		95
63) Azobenzene	16.08	77	435424	99.220	ng		98
65) 4,6-Dinitro-2-methylphenol	15.87	198	74039	85.352	ng		98
66) n-Nitrosodiphenylamine	16.00	169	396414	95.419	ng		97
67) 4-Bromophenyl-phenylether	16.68	248	177268	88.882	ng		96
68) Hexachlorobenzene	16.79	284	184490	86.870	ng		99
69) Atrazine	16.94	200	174884	109.097	ng		98
70) Pentachlorophenol	17.13	266	216371	184.322	ng		96
71) Phenanthrene	17.54	178	764772	99.348	ng		99
72) Anthracene	17.63	178	775136	102.096	ng		100
73) Carbazole	17.90	167	686155	105.328	ng		97
74) Di-n-butylphthalate	18.44	149	806205	99.572	ng		99
75) Fluoranthene	19.54	202	1012213	106.456	ng		100
77) Benzidine	19.72	184	343197	91.336	ng		97
78) Pyrene	19.91	202	1006968	98.343	ng		99
80) Butylbenzylphthalate	20.77	149	383073	96.135	ng		99
81) Benzo(a)anthracene	21.76	228	980435	93.508	ng		99
82) 3,3'-Dichlorobenzidine	21.67	252	230867	62.602	ng		94
83) Chrysene	21.83	228	967209	96.395	ng		97
84) Bis(2-ethylhexyl)phthalate	21.63	149	520687	92.824	ng		98
85) Di-n-octyl phthalate	22.87	149	877248	93.903	ng		99
86) Indeno(1,2,3-cd)pyrene	28.95	276	1148243	93.420	ng	#	58
88) Benzo(b)fluoranthene	24.05	252	989475	101.153	ng		100
89) Benzo(k)fluoranthene	24.12	252	974616	100.684	ng		99
90) Benzo(a)pyrene	24.96	252	969373	103.868	ng		97
91) Dibenzo(a,h)anthracene	29.02	278	941583	100.970	ng		100
92) Benzo(g,h,i)perylene	30.16	276	958510	105.798	ng		99

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

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