Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
Data File : BG040269.D
Acq On : 1 Apr 2019 17:38
Operator : JU/SJ
Sample : PB118456BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118456BS

Manual Integrations APPROVED
Sohil
4/2/2019 4:00:18 PM

Quant Time: Apr 02 02:48:36 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	8.05	152	47085	20.00	ng		-0.02
21) Naphthalene-d8	10.87	136	204464	20.00	ng		-0.02
39) Acenaphthene-d10	14.69	164	142921	20.00	ng		-0.02
64) Phenanthrene-d10	17.43	188	402426	20.00	ng		-0.02
76) Chrysene-d12	21.71	240	405217	20.00	ng		-0.02
87) Perylene-d12	25.04	264	406469	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	404133	142.69	ng		-0.01
7) Phenol-d6	7.21	99	554082	141.55	ng		-0.02
23) Nitrobenzene-d5	9.23	82	330247	85.85	ng		-0.02
42) 2,4,6-Tribromophenol	16.18	330	252521	163.49	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	808747	83.85	ng		-0.02
79) Terphenyl-d14	20.03	244	1496202	83.07	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	52500	39.420	ng		98
3) Pyridine	3.90	79	141033	39.331	ng		96
4) n-Nitrosodimethylamine	3.82	42	58859	35.485	ng		90
6) Aniline	7.38	93	154149	30.311	ng		99
8) 2-Chlorophenol	7.62	128	140195	42.285	ng		96
9) Benzaldehyde	7.19	77	98000	36.499	ng		97
10) Phenol	7.24	94	187211	44.063	ng		96
11) bis(2-Chloroethyl)ether	7.47	93	132154	38.835	ng		98
12) 1,3-Dichlorobenzene	7.94	146	139634	38.742	ng		96
13) 1,4-Dichlorobenzene	8.09	146	141699	39.474	ng		96
14) 1,2-Dichlorobenzene	8.41	146	138104	40.231	ng		99
15) Benzyl Alcohol	8.29	79	126331	40.075	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.57	45	241686	37.007	ng		99
17) 2-Methylphenol	8.49	107	128964	43.866	ng		98
18) Hexachloroethane	9.13	117	51076	37.406	ng		94
19) n-Nitroso-di-n-propylamine	8.86	70	105373	37.546	ng		96
20) 3+4-Methylphenols	8.82	107	176926	44.422	ng		99
22) Acetophenone	8.88	105	205436	40.279	ng	#	97
24) Nitrobenzene	9.27	77	154482	38.782	ng		100
25) Isophorone	9.79	82	309565	39.112	ng		97
26) 2-Nitrophenol	9.98	139	78056	41.355	ng		97
27) 2,4-Dimethylphenol	10.03	122	149524	49.873	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	189670	40.505	ng		98
29) 2,4-Dichlorophenol	10.51	162	147616	45.361	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	145326	40.670	ng		97
31) Naphthalene	10.92	128	433769	41.389	ng		99
32) Benzoic acid	10.14	122	37237m	20.557	ng		
33) 4-Chloroaniline	11.03	127	106133	23.741	ng		96
34) Hexachlorobutadiene	11.18	225	87572	38.320	ng		97
35) Caprolactam	11.82	113	64930m	50.278	ng		
36) 4-Chloro-3-methylphenol	12.14	107	177559	47.461	ng		99
37) 2-Methylnaphthalene	12.52	142	334375	43.139	ng		100
38) 1-Methylnaphthalene	12.74	142	320983	42.706	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	169887	37.399	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	208341	83.531	ng		95
43) 2,4,6-Trichlorophenol	13.12	196	128356	43.827	ng		99
44) 2,4,5-Trichlorophenol	13.19	196	144108	45.143	ng		97
46) 1,1'-Biphenyl	13.52	154	438688	38.847	ng		99
47) 2-Chloronaphthalene	13.56	162	347861	40.159	ng		99
48) 2-Nitroaniline	13.78	65	121782	41.680	ng		98
49) Acenaphthylene	14.41	152	593802	40.432	ng		99
50) Dimethylphthalate	14.13	163	479204	42.841	ng		98
51) 2,6-Dinitrotoluene	14.27	165	109542	43.615	ng		96
52) Acenaphthene	14.75	154	346883	41.219	ng		99
53) 3-Nitroaniline	14.60	138	81046	30.485	ng		94
54) 2,4-Dinitrophenol	14.81	184	108570	81.283	ng		89
55) Dibenzofuran	15.08	168	577809	42.729	ng		98
56) 4-Nitrophenol	14.90	139	218240	101.711	ng		98
57) 2,4-Dinitrotoluene	15.05	165	169024	48.433	ng		98
58) Fluorene	15.73	166	466261	43.856	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	147772	51.012	ng		97
60) Diethylphthalate	15.49	149	524832	45.852	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	248842	43.787	ng		98
62) 4-Nitroaniline	15.77	138	137404	48.160	ng		96
63) Azobenzene	16.01	77	465934	43.155	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	91006	40.252	ng		95
66) n-Nitrosodiphenylamine	15.94	169	455890	38.713	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	173427	38.295	ng		96
68) Hexachlorobenzene	16.72	284	182600	40.102	ng		97
69) Atrazine	16.88	200	165470	37.773	ng		96
70) Pentachlorophenol	17.08	266	203372	77.254	ng		96
71) Phenanthrene	17.48	178	867579	41.016	ng		99
72) Anthracene	17.57	178	891709	42.118	ng		99
73) Carbazole	17.84	167	833904	41.619	ng		99
74) Di-n-butylphthalate	18.37	149	987315	41.570	ng		100
75) Fluoranthene	19.48	202	1051028	41.962	ng		100
77) Benzidine	19.66	184	467505	31.949	ng		98
78) Pyrene	19.84	202	1063739	39.919	ng		99
80) Butylbenzylphthalate	20.71	149	457772	40.145	ng		94
81) Benzo(a)anthracene	21.69	228	952356	38.157	ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	213083	22.443	ng		98
83) Chrysene	21.76	228	968084	40.358	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	640343	39.285	ng		99
85) Di-n-octyl phthalate	22.80	149	1088463	39.194	ng		99
86) Indeno(1,2,3-cd)pyrene	28.82	276	1192958	40.663	ng	#	71
88) Benzo(b)fluoranthene	23.95	252	1051530	42.255	ng		97
89) Benzo(k)fluoranthene	24.03	252	1000218	43.706	ng		97
90) Benzo(a)pyrene	24.88	252	1013324	43.399	ng		100
91) Dibenzo(a,h)anthracene	28.94	278	967412	44.611	ng		97
92) Benzo(g,h,i)perylene	30.14	276	988956	44.375	ng		99

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

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