Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040919\
Data File : BG040405.D
Acq On : 9 Apr 2019 19:06
Operator : JU/SJ
Sample : PB118717BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118717BS

Manual Integrations APPROVED
Sohil
4/10/2019 11:22:57 AM

Quant Time: Apr 10 04:17:48 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	47567	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	187033	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	126774	20.00	ng		-0.02
64) Phenanthrene-d10	17.43	188	343209	20.00	ng		-0.02
76) Chrysene-d12	21.70	240	403817	20.00	ng		-0.03
87) Perylene-d12	24.98	264	428591	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	239787	83.80	ng		-0.02
7) Phenol-d6	7.20	99	324334	82.02	ng		-0.02
23) Nitrobenzene-d5	9.22	82	291171	82.75	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	135204	98.68	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	683361	79.87	ng		-0.02
79) Terphenyl-d14	20.02	244	1301231	72.49	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	42212	31.374	ng		94
3) Pyridine	3.89	79	117845	32.531	ng		98
4) n-Nitrosodimethylamine	3.81	42	57295	34.192	ng	#	92
6) Aniline	7.37	93	53282	10.371	ng		100
8) 2-Chlorophenol	7.61	128	125828	37.567	ng		92
9) Benzaldehyde	7.19	77	60261	22.216	ng		98
10) Phenol	7.23	94	164344	38.289	ng		96
11) bis(2-Chloroethyl)ether	7.47	93	120460	35.040	ng		97
12) 1,3-Dichlorobenzene	7.93	146	127648	35.058	ng		98
13) 1,4-Dichlorobenzene	8.08	146	131646	36.302	ng		99
14) 1,2-Dichlorobenzene	8.40	146	124372	35.863	ng		98
15) Benzyl Alcohol	8.29	79	109539	34.396	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	225454	34.171	ng		100
17) 2-Methylphenol	8.49	107	112383	37.838	ng		92
18) Hexachloroethane	9.12	117	46179	33.477	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	96705	34.109	ng		93
20) 3+4-Methylphenols	8.81	107	155136	38.557	ng		97
22) Acetophenone	8.88	105	184892	39.630	ng	#	97
24) Nitrobenzene	9.27	77	139679	38.334	ng		99
25) Isophorone	9.78	82	278824	38.511	ng		99
26) 2-Nitrophenol	9.98	139	66201	38.343	ng		97
27) 2,4-Dimethylphenol	10.02	122	129425	47.192	ng		94
28) bis(2-Chloroethoxy)methane	10.26	93	166100	38.777	ng		100
29) 2,4-Dichlorophenol	10.50	162	126826	42.605	ng		97
30) 1,2,4-Trichlorobenzene	10.72	180	128298	39.251	ng		99
31) Naphthalene	10.91	128	388303	40.504	ng		100
32) Benzoic acid	10.21	122	8002m	4.829	ng		
33) 4-Chloroaniline	11.03	127	44800	10.955	ng		97
34) Hexachlorobutadiene	11.17	225	75770	36.246	ng		98
35) Caprolactam	11.80	113	52810	44.704	ng		90
36) 4-Chloro-3-methylphenol	12.14	107	150381	43.943	ng		99
37) 2-Methylnaphthalene	12.51	142	290122	40.918	ng		98
38) 1-Methylnaphthalene	12.73	142	282273	41.056	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	150258	37.291	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	170340	76.994	ng		98
43) 2,4,6-Trichlorophenol	13.12	196	107401	41.343	ng		94
44) 2,4,5-Trichlorophenol	13.19	196	119686	42.268	ng		98
46) 1,1'-Biphenyl	13.51	154	382946	38.230	ng		97
47) 2-Chloronaphthalene	13.56	162	297051	38.661	ng		99
48) 2-Nitroaniline	13.77	65	105480	40.699	ng		95
49) Acenaphthylene	14.41	152	507682	38.971	ng		98
50) Dimethylphthalate	14.13	163	406589	40.979	ng		98
51) 2,6-Dinitrotoluene	14.26	165	91934	41.266	ng		99
52) Acenaphthene	14.74	154	293893	39.371	ng		98
53) 3-Nitroaniline	14.59	138	45483	19.287	ng		96
54) 2,4-Dinitrophenol	14.81	184	14415	12.167	ng		92
55) Dibenzofuran	15.08	168	492141	41.029	ng		99
56) 4-Nitrophenol	14.90	139	159009	83.545	ng		97
57) 2,4-Dinitrotoluene	15.05	165	139981	45.220	ng		98
58) Fluorene	15.72	166	393356	41.711	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	119034	46.326	ng		99
60) Diethylphthalate	15.48	149	437557	43.097	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	210597	41.777	ng		100
62) 4-Nitroaniline	15.76	138	115176	45.511	ng		98
63) Azobenzene	16.00	77	402942	42.075	ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	26132	13.552	ng		95
66) n-Nitrosodiphenylamine	15.93	169	381388	37.975	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	141993	36.764	ng		97
68) Hexachlorobenzene	16.72	284	148035	38.120	ng		96
69) Atrazine	16.87	200	155640	41.659	ng		99
70) Pentachlorophenol	17.07	266	106982	47.651	ng		98
71) Phenanthrene	17.47	178	732046	40.580	ng		99
72) Anthracene	17.56	178	752944	41.700	ng		99
73) Carbazole	17.83	167	765295	44.785	ng		98
74) Di-n-butylphthalate	18.37	149	915919	45.218	ng		99
75) Fluoranthene	19.48	202	1003739	46.989	ng		99
77) Benzidine	19.66	184	188332	12.915	ng	#	96
78) Pyrene	19.84	202	1027282	38.684	ng		99
80) Butylbenzylphthalate	20.70	149	453142	39.877	ng		97
81) Benzo(a)anthracene	21.68	228	951783	38.266	ng		97
82) 3,3'-Dichlorobenzidine	21.60	252	142372	15.047	ng		98
83) Chrysene	21.75	228	935592	39.139	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	644643	39.686	ng		98
85) Di-n-octyl phthalate	22.77	149	1103286	39.865	ng		99
86) Indeno(1,2,3-cd)pyrene	28.74	276	1164229	39.821	ng	#	90
88) Benzo(b)fluoranthene	23.93	252	1037095	39.523	ng		98
89) Benzo(k)fluoranthene	24.00	252	996771	41.307	ng		99
90) Benzo(a)pyrene	24.82	252	1007802	40.934	ng		100
91) Dibenzo(a,h)anthracene	28.81	278	944728	41.316	ng		98
92) Benzo(g,h,i)perylene	29.93	276	974919	41.487	ng		98

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

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