Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042619\
Data File : BG040641.D
Acq On : 26 Apr 2019 23:46
Operator : JU/SJ
Sample : PB119239BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB119239BS

Manual Integrations APPROVED
Sohil
4/30/2019 7:02:27 PM

Quant Time: Apr 27 04:21:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	44945	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	183761	20.00	ng		0.00
39) Acenaphthene-d10	14.79	164	126753	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	343374	20.00	ng		0.00
76) Chrysene-d12	21.82	240	353123	20.00	ng		0.00
87) Perylene-d12	25.19	264	375732	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	390458	153.14	ng		0.00
7) Phenol-d6	7.30	99	566873	144.40	ng		0.00
23) Nitrobenzene-d5	9.34	82	341608	85.90	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	257669	147.89	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	686757	78.25	ng		0.00
79) Terphenyl-d14	20.12	244	1415908	88.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	45650	39.369	ng		94
3) Pyridine	3.95	79	122749	36.522	ng		99
4) n-Nitrosodimethylamine	3.88	42	74008	39.699	ng	#	98
6) Aniline	7.47	93	158454	30.452	ng		95
8) 2-Chlorophenol	7.71	128	123000	39.508	ng		92
9) Benzaldehyde	7.29	77	115523	53.749	ng		94
10) Phenol	7.32	94	174195	41.278	ng		91
11) bis(2-Chloroethyl)ether	7.57	93	119277	37.692	ng		93
12) 1,3-Dichlorobenzene	8.04	146	131038	38.562	ng		96
13) 1,4-Dichlorobenzene	8.19	146	134024	38.907	ng		96
14) 1,2-Dichlorobenzene	8.51	146	125344	37.730	ng		99
15) Benzyl Alcohol	8.39	79	155989	38.187	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	235098	37.315	ng		99
17) 2-Methylphenol	8.58	107	119528	40.023	ng		93
18) Hexachloroethane	9.24	117	53623	37.948	ng		92
19) n-Nitroso-di-n-propylamine	8.96	70	122900	34.777	ng		97
20) 3+4-Methylphenols	8.91	107	166571	40.038	ng		98
22) Acetophenone	8.98	105	207598	40.626	ng	#	98
24) Nitrobenzene	9.38	77	181172	42.697	ng		96
25) Isophorone	9.89	82	332902	37.579	ng		100
26) 2-Nitrophenol	10.09	139	68177	44.824	ng		91
27) 2,4-Dimethylphenol	10.12	122	132648	46.481	ng		97
28) bis(2-Chloroethoxy)methane	10.38	93	174004	39.150	ng		95
29) 2,4-Dichlorophenol	10.61	162	139646	43.042	ng		96
30) 1,2,4-Trichlorobenzene	10.83	180	147335	40.951	ng		99
31) Naphthalene	11.03	128	392802	40.235	ng		98
32) Benzoic acid	10.24	122	89200	45.658	ng		93
33) 4-Chloroaniline	11.13	127	94081	21.735	ng		99
34) Hexachlorobutadiene	11.30	225	106909	40.249	ng		99
35) Caprolactam	11.92	113	48612m	37.951	ng		
36) 4-Chloro-3-methylphenol	12.23	107	166094	40.581	ng		98
37) 2-Methylnaphthalene	12.63	142	290850	39.846	ng		98
38) 1-Methylnaphthalene	12.84	142	278049	38.971	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	190535	40.352	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	261193	93.742	ng		99
43) 2,4,6-Trichlorophenol	13.22	196	126763	44.424	ng		99
44) 2,4,5-Trichlorophenol	13.28	196	136065	43.773	ng		98
46) 1,1'-Biphenyl	13.62	154	385772	39.200	ng		96
47) 2-Chloronaphthalene	13.67	162	310257	40.285	ng		98
48) 2-Nitroaniline	13.87	65	128452	46.855	ng		97
49) Acenaphthylene	14.51	152	495875	37.949	ng		99
50) Dimethylphthalate	14.24	163	416304	39.255	ng		99
51) 2,6-Dinitrotoluene	14.36	165	90248	43.602	ng		98
52) Acenaphthene	14.85	154	295976	38.895	ng		95
53) 3-Nitroaniline	14.69	138	68634	32.363	ng		94
54) 2,4-Dinitrophenol	14.89	184	99055	84.429	ng	#	80
55) Dibenzofuran	15.18	168	492284	39.497	ng		99
56) 4-Nitrophenol	14.98	139	163632	88.982	ng		94
57) 2,4-Dinitrotoluene	15.14	165	130844	46.522	ng		96
58) Fluorene	15.83	166	395048	39.214	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	142675m	45.602	ng		
60) Diethylphthalate	15.59	149	441095	39.421	ng		99
61) 4-Chlorophenyl-phenylether	15.82	204	232884	39.747	ng		99
62) 4-Nitroaniline	15.86	138	102590	43.245	ng		99
63) Azobenzene	16.11	77	454735	39.462	ng		99
65) 4,6-Dinitro-2-methylphenol	15.90	198	70127	42.418	ng		99
66) n-Nitrosodiphenylamine	16.03	169	367512	36.379	ng		98
67) 4-Bromophenyl-phenylether	16.71	248	158486	37.047	ng		96
68) Hexachlorobenzene	16.82	284	167459	37.857	ng		95
69) Atrazine	16.97	200	162065	40.490	ng		99
70) Pentachlorophenol	17.17	266	217944	84.199	ng		98
71) Phenanthrene	17.57	178	714304	38.621	ng		99
72) Anthracene	17.66	178	741252	39.873	ng		99
73) Carbazole	17.93	167	673950	39.791	ng		98
74) Di-n-butylphthalate	18.47	149	824946	40.353	ng		99
75) Fluoranthene	19.58	202	968700	42.030	ng		98
77) Benzidine	19.75	184	503166	52.041	ng		99
78) Pyrene	19.94	202	958399	43.303	ng		100
80) Butylbenzylphthalate	20.81	149	380392	44.098	ng		98
81) Benzo(a)anthracene	21.80	228	937121	41.990	ng		100
82) 3,3'-Dichlorobenzidine	21.71	252	235496	29.605	ng		98
83) Chrysene	21.87	228	913081	43.020	ng		98
84) Bis(2-ethylhexyl)phthalate	21.68	149	534038	42.888	ng		99
85) Di-n-octyl phthalate	22.94	149	916179	43.689	ng		100
86) Indeno(1,2,3-cd)pyrene	29.08	276	1113698	43.399	ng		93
88) Benzo(b)fluoranthene	24.11	252	958501	41.746	ng		100
89) Benzo(k)fluoranthene	24.18	252	923097	43.049	ng		99
90) Benzo(a)pyrene	25.04	252	925242	42.571	ng		99
91) Dibenzo(a,h)anthracene	29.14	278	912425	41.485	ng		98
92) Benzo(g,h,i)perylene	30.29	276	912935	41.707	ng		100

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

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