Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082619\
Data File : BG042493.D
Acq On : 26 Aug 2019 10:34
Operator : HP/JU
Sample : PB122510BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB122510BS

Manual Integrations APPROVED
JAGRUT
8/27/2019 7:51:29 AM

Quant Time: Aug 27 01:37:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	48942	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	199310	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	136957	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	307457	20.00	ng	0.00
76) Chrysene-d12	21.69	240	337971	20.00	ng	0.00
87) Perylene-d12	24.93	264	373527	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	283162	117.18	ng	0.00
7) Phenol-d6	7.17	99	354203	108.51	ng	0.00
23) Nitrobenzene-d5	9.17	82	179809	62.34	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	181906	93.45	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	535250	66.10	ng	0.00
79) Terphenyl-d14	20.02	244	976662	62.47	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	39391	39.060	ng	97
3) Pyridine	3.82	79	83309	32.216	ng	98
4) n-Nitrosodimethylamine	3.73	42	36847	39.895	ng	91
6) Aniline	7.32	93	128406	29.493	ng	99
8) 2-Chlorophenol	7.56	128	122923	41.972	ng	97
9) Benzaldehyde	7.13	77	73731	45.118	ng	94
10) Phenol	7.19	94	140208	42.246	ng	97
11) bis(2-Chloroethyl)ether	7.41	93	103812	39.828	ng	99
12) 1,3-Dichlorobenzene	7.89	146	137503	36.907	ng	99
13) 1,4-Dichlorobenzene	8.03	146	140409	37.206	ng	97
14) 1,2-Dichlorobenzene	8.36	146	135452	37.480	ng	99
15) Benzyl Alcohol	8.24	79	89889	38.277	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	133202	37.704	ng	98
17) 2-Methylphenol	8.45	107	99351	40.642	ng	99
18) Hexachloroethane	9.09	117	47248	36.572	ng	93
19) n-Nitroso-di-n-propylamine	8.81	70	78924	37.321	ng	96
20) 3+4-Methylphenols	8.78	107	133057	39.336	ng	99
22) Acetophenone	8.82	105	170406	39.974	ng	98
24) Nitrobenzene	9.21	77	116256	39.805	ng	98
25) Isophorone	9.73	82	212190	37.278	ng	98
26) 2-Nitrophenol	9.93	139	73136	39.959	ng	98
27) 2,4-Dimethylphenol	9.99	122	109459	43.415	ng	98
28) bis(2-Chloroethoxy)methane	10.22	93	135469	37.761	ng	99
29) 2,4-Dichlorophenol	10.47	162	130219	39.477	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	147603	36.455	ng	96
31) Naphthalene	10.87	128	363230	39.253	ng	99
32) Benzoic acid	10.14	122	51556	31.550	ng	99
33) 4-Chloroaniline	10.98	127	97670	22.865	ng	98
34) Hexachlorobutadiene	11.16	225	94969	34.901	ng	97
35) Caprolactam	11.75	113	39425m	35.819	ng	
36) 4-Chloro-3-methylphenol	12.11	107	118788	37.935	ng	98
37) 2-Methylnaphthalene	12.48	142	281298	37.859	ng	99
38) 1-Methylnaphthalene	12.70	142	261818	37.097	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	175599	39.925	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	189460	82.006	ng		97
43) 2,4,6-Trichlorophenol	13.09	196	114347	38.463	ng		99
44) 2,4,5-Trichlorophenol	13.18	196	122327	39.707	ng		97
46) 1,1'-Biphenyl	13.49	154	359974	40.661	ng		99
47) 2-Chloronaphthalene	13.53	162	294683	38.603	ng		99
48) 2-Nitroaniline	13.73	65	67565	36.704	ng		99
49) Acenaphthylene	14.38	152	460095	40.062	ng		99
50) Dimethylphthalate	14.11	163	363091	36.743	ng		99
51) 2,6-Dinitrotoluene	14.23	165	87524	38.211	ng		96
52) Acenaphthene	14.72	154	268196	38.459	ng		98
53) 3-Nitroaniline	14.56	138	61380	26.794	ng		95
54) 2,4-Dinitrophenol	14.77	184	91903	61.124	ng		96
55) Dibenzofuran	15.06	168	452101	39.166	ng		100
56) 4-Nitrophenol	14.89	139	127986	78.627	ng		99
57) 2,4-Dinitrotoluene	15.02	165	120063	36.604	ng		93
58) Fluorene	15.71	166	362517	38.418	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	115140m	37.793	ng		
60) Diethylphthalate	15.47	149	353686	36.613	ng		100
61) 4-Chlorophenyl-phenylether	15.70	204	209255	36.788	ng		99
62) 4-Nitroaniline	15.73	138	88610	36.142	ng		98
63) Azobenzene	15.99	77	256951	38.818	ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	74578	38.689	ng		96
66) n-Nitrosodiphenylamine	15.91	169	332272	39.297	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	141211	36.209	ng		100
68) Hexachlorobenzene	16.72	284	146831	34.634	ng		98
69) Atrazine	16.86	200	120075	40.158	ng		99
70) Pentachlorophenol	17.07	266	169148	76.789	ng		99
71) Phenanthrene	17.45	178	603039	39.487	ng		100
72) Anthracene	17.55	178	618130	40.544	ng		99
73) Carbazole	17.82	167	550758	40.533	ng		99
74) Di-n-butylphthalate	18.37	149	645663	40.198	ng		100
75) Fluoranthene	19.46	202	790755	42.426	ng		98
77) Benzidine	19.64	184	339446	35.031	ng		99
78) Pyrene	19.83	202	797203	38.473	ng		99
80) Butylbenzylphthalate	20.71	149	315926	38.764	ng		99
81) Benzo(a)anthracene	21.67	228	801302	38.975	ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	277595	33.572	ng		99
83) Chrysene	21.74	228	778631	39.270	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	455494	40.253	ng		98
85) Di-n-octyl phthalate	22.79	149	791702	40.679	ng		99
86) Indeno(1,2,3-cd)pyrene	28.63	276	1023431	37.982	ng	#	94
88) Benzo(b)fluoranthene	23.90	252	882145	42.958	ng		100
89) Benzo(k)fluoranthene	23.97	252	858807	43.509	ng		99
90) Benzo(a)pyrene	24.77	252	863493	44.313	ng		99
91) Dibenzo(a,h)anthracene	28.69	278	844708	42.814	ng		99
92) Benzo(g,h,i)perylene	29.80	276	851770	43.165	ng		98

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

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