Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
Data File : BG040267.D
Acq On : 1 Apr 2019 16:18
Operator : JU/SJ
Sample : PB118426BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118426BSD

Manual Integrations APPROVED
Sohil
4/2/2019 4:00:16 PM

Quant Time: Apr 02 02:42:54 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	49466	20.00	ng		-0.02
21) Naphthalene-d8	10.87	136	209405	20.00	ng		-0.02
39) Acenaphthene-d10	14.69	164	147803	20.00	ng		-0.02
64) Phenanthrene-d10	17.43	188	385932	20.00	ng		-0.02
76) Chrysene-d12	21.71	240	376113	20.00	ng		-0.02
87) Perylene-d12	25.04	264	355142	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	410919	138.10	ng		0.00
7) Phenol-d6	7.21	99	577522	140.44	ng		-0.02
23) Nitrobenzene-d5	9.23	82	307624	78.08	ng		-0.02
42) 2,4,6-Tribromophenol	16.18	330	250700	156.95	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	747977	74.99	ng		-0.02
79) Terphenyl-d14	20.03	244	1304427	78.02	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	64904	46.388	ng		97
3) Pyridine	3.90	79	141561	37.578	ng		99
4) n-Nitrosodimethylamine	3.82	42	63328	36.342	ng	#	89
6) Aniline	7.38	93	153801	28.787	ng		97
8) 2-Chlorophenol	7.62	128	150348	43.164	ng		94
9) Benzaldehyde	7.20	77	44450	15.758	ng		97
10) Phenol	7.24	94	202417	45.349	ng		97
11) bis(2-Chloroethyl)ether	7.47	93	137911	38.576	ng		98
12) 1,3-Dichlorobenzene	7.94	146	145458	38.416	ng		99
13) 1,4-Dichlorobenzene	8.09	146	148370	39.343	ng		99
14) 1,2-Dichlorobenzene	8.41	146	142529	39.521	ng		99
15) Benzyl Alcohol	8.29	79	133005	40.161	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	256781	37.425	ng		99
17) 2-Methylphenol	8.49	107	139619	45.204	ng		96
18) Hexachloroethane	9.13	117	55981	39.025	ng		92
19) n-Nitroso-di-n-propylamine	8.85	70	110473	37.469	ng		96
20) 3+4-Methylphenols	8.82	107	188852	45.134	ng		96
22) Acetophenone	8.88	105	223161	42.722	ng	#	96
24) Nitrobenzene	9.28	77	166052	40.703	ng		98
25) Isophorone	9.79	82	327899	40.451	ng		99
26) 2-Nitrophenol	9.98	139	83130	43.004	ng		98
27) 2,4-Dimethylphenol	10.03	122	157426	51.269	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	200215	41.748	ng		97
29) 2,4-Dichlorophenol	10.51	162	161003	48.307	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	154431	42.198	ng		99
31) Naphthalene	10.92	128	461428	42.989	ng		98
32) Benzoic acid	10.15	122	43119m	23.242	ng		
33) 4-Chloroaniline	11.03	127	115879	25.310	ng		99
34) Hexachlorobutadiene	11.18	225	94710	40.465	ng		94
35) Caprolactam	11.82	113	65127m	49.241	ng		
36) 4-Chloro-3-methylphenol	12.14	107	186776	48.747	ng		99
37) 2-Methylnaphthalene	12.52	142	358197	45.122	ng		100
38) 1-Methylnaphthalene	12.74	142	343746	44.655	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	183304	39.020	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	213704	82.851	ng		96
43) 2,4,6-Trichlorophenol	13.12	196	136758	45.153	ng		98
44) 2,4,5-Trichlorophenol	13.19	196	147103	44.560	ng		98
46) 1,1'-Biphenyl	13.52	154	467324	40.016	ng		99
47) 2-Chloronaphthalene	13.57	162	367956	41.076	ng		99
48) 2-Nitroaniline	13.78	65	126864	41.985	ng		99
49) Acenaphthylene	14.41	152	621227	40.902	ng		99
50) Dimethylphthalate	14.13	163	488039	42.190	ng		100
51) 2,6-Dinitrotoluene	14.27	165	112064	43.145	ng		93
52) Acenaphthene	14.75	154	367770	42.258	ng		98
53) 3-Nitroaniline	14.60	138	87610	31.865	ng		95
54) 2,4-Dinitrophenol	14.81	184	111988	81.073	ng		86
55) Dibenzofuran	15.08	168	606690	43.383	ng		100
56) 4-Nitrophenol	14.90	139	206168	92.911	ng		98
57) 2,4-Dinitrotoluene	15.05	165	160563	44.489	ng		99
58) Fluorene	15.73	166	479144	43.579	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	150666	50.294	ng		98
60) Diethylphthalate	15.49	149	518040	43.764	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	259317	44.123	ng		97
62) 4-Nitroaniline	15.77	138	134217	45.489	ng		98
63) Azobenzene	16.01	77	481046	43.083	ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	92279	42.560	ng		96
66) n-Nitrosodiphenylamine	15.94	169	456855	40.453	ng		100
67) 4-Bromophenyl-phenylether	16.61	248	178140	41.017	ng		98
68) Hexachlorobenzene	16.73	284	181036	41.458	ng		97
69) Atrazine	16.88	200	173323	41.257	ng		98
70) Pentachlorophenol	17.07	266	206765	81.900	ng		93
71) Phenanthrene	17.47	178	856362	42.216	ng		99
72) Anthracene	17.57	178	876898	43.189	ng		99
73) Carbazole	17.84	167	801382	41.705	ng		100
74) Di-n-butylphthalate	18.37	149	941278	41.326	ng		100
75) Fluoranthene	19.48	202	1014085	42.218	ng		100
77) Benzidine	19.67	184	344119	25.337	ng		97
78) Pyrene	19.85	202	1029410	41.620	ng		99
80) Butylbenzylphthalate	20.72	149	432264	40.842	ng		96
81) Benzo(a)anthracene	21.69	228	931184	40.195	ng		99
82) 3,3'-Dichlorobenzidine	21.61	252	227139	25.774	ng		97
83) Chrysene	21.77	228	919799	41.312	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	612400	40.478	ng		100
85) Di-n-octyl phthalate	22.80	149	1033256	40.085	ng		99
86) Indeno(1,2,3-cd)pyrene	28.83	276	1110175	40.769	ng	#	85
88) Benzo(b)fluoranthene	23.95	252	973814	44.787	ng		99
89) Benzo(k)fluoranthene	24.03	252	944774	47.250	ng		98
90) Benzo(a)pyrene	24.87	252	950976	46.615	ng		99
91) Dibenzo(a,h)anthracene	28.92	278	904726	47.750	ng		98
92) Benzo(g,h,i)perylene	30.13	276	915695	47.026	ng		98

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

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