Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
Data File : BG043592.D
Acq On : 11 Nov 2019 20:38
Operator : JU
Sample : PB124701BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124701BS

Manual Integrations APPROVED
mohammad
11/12/2019 5:04:10 PM

Quant Time: Nov 12 01:29:22 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	26567	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	119670	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	97979	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	245252	20.00	ng		-0.01
76) Chrysene-d12	21.65	240	225229	20.00	ng		0.00
87) Perylene-d12	24.83	264	205038	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	210457	145.16	ng		0.00
7) Phenol-d6	7.21	99	304304	145.88	ng		0.00
23) Nitrobenzene-d5	9.16	82	148818	64.11	ng		-0.01
42) 2,4,6-Tribromophenol	16.13	330	223296	119.76	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	447410	63.10	ng		-0.01
79) Terphenyl-d14	19.99	244	974589	81.18	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	15534	27.495	ng	#	86
3) Pyridine	3.86	79	42982	30.159	ng		97
4) n-Nitrosodimethylamine	3.78	42	32052	44.569	ng	#	86
6) Aniline	7.33	93	87060	36.231	ng		94
8) 2-Chlorophenol	7.58	128	87177	54.471	ng		98
9) Benzaldehyde	7.14	77	41658	40.637	ng		98
10) Phenol	7.23	94	108905	57.135	ng		99
11) bis(2-Chloroethyl)ether	7.42	93	68711	46.625	ng		97
12) 1,3-Dichlorobenzene	7.89	146	81748	40.768	ng		96
13) 1,4-Dichlorobenzene	8.03	146	88023	43.387	ng		99
14) 1,2-Dichlorobenzene	8.36	146	86835	43.837	ng		94
15) Benzyl Alcohol	8.25	79	80162	54.720	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	94725	44.205	ng		98
17) 2-Methylphenol	8.47	107	78762	56.681	ng		95
18) Hexachloroethane	9.09	117	30558	41.748	ng		97
19) n-Nitroso-di-n-propylamine	8.80	70	66299	49.187	ng		94
20) 3+4-Methylphenols	8.80	107	106872	56.088	ng		94
22) Acetophenone	8.83	105	130186	42.480	ng		96
24) Nitrobenzene	9.21	77	98333	44.470	ng	#	96
25) Isophorone	9.73	82	195678	46.109	ng		99
26) 2-Nitrophenol	9.92	139	53394	50.016	ng		92
27) 2,4-Dimethylphenol	10.00	122	90945	59.438	ng		95
28) bis(2-Chloroethoxy)methane	10.21	93	104756	44.724	ng		95
29) 2,4-Dichlorophenol	10.47	162	100556	51.292	ng		94
30) 1,2,4-Trichlorobenzene	10.67	180	102132	41.334	ng		99
31) Naphthalene	10.86	128	275280	45.318	ng		97
32) Benzoic acid	10.19	122	49900	43.708	ng		95
33) 4-Chloroaniline	10.97	127	69012	27.716	ng		97
34) Hexachlorobutadiene	11.14	225	70868	38.799	ng		92
35) Caprolactam	11.74	113	34730m	51.438	ng		
36) 4-Chloro-3-methylphenol	12.12	107	109995	51.437	ng		96
37) 2-Methylnaphthalene	12.46	142	223850	48.029	ng		98
38) 1-Methylnaphthalene	12.68	142	207508	46.793	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	139955	38.597	ng		98

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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	12.81	237	127502	66.938	ng		99
43) 2,4,6-Trichlorophenol	13.08	196	94863	44.424	ng		95
44) 2,4,5-Trichlorophenol	13.16	196	103124	47.768	ng		96
46) 1,1'-Biphenyl	13.46	154	306532	41.125	ng		98
47) 2-Chloronaphthalene	13.51	162	236185	41.646	ng		99
48) 2-Nitroaniline	13.72	65	73869	43.580	ng		94
49) Acenaphthylene	14.36	152	396900	44.967	ng		99
50) Dimethylphthalate	14.09	163	334404	44.063	ng		99
51) 2,6-Dinitrotoluene	14.21	165	76594	46.456	ng		96
52) Acenaphthene	14.70	154	232885	43.265	ng		97
53) 3-Nitroaniline	14.55	138	49255	30.943	ng		97
54) 2,4-Dinitrophenol	14.76	184	92404	88.864	ng		96
55) Dibenzofuran	15.03	168	385296	44.140	ng		99
56) 4-Nitrophenol	14.90	139	110076	103.191	ng		95
57) 2,4-Dinitrotoluene	15.00	165	111409	47.283	ng	#	97
58) Fluorene	15.68	166	330102	45.089	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	108290	47.212	ng		97
60) Diethylphthalate	15.45	149	339585	44.533	ng		98
61) 4-Chlorophenyl-phenylether	15.67	204	192381	45.044	ng		97
62) 4-Nitroaniline	15.72	138	70252	42.734	ng		98
63) Azobenzene	15.97	77	285902	46.327	ng		98
65) 4,6-Dinitro-2-methylphenol	15.77	198	70282	48.695	ng		92
66) n-Nitrosodiphenylamine	15.89	169	298612	43.126	ng		96
67) 4-Bromophenyl-phenylether	16.57	248	135383	41.018	ng		99
68) Hexachlorobenzene	16.69	284	153325	40.470	ng		99
69) Atrazine	16.84	200	135521	56.327	ng		97
70) Pentachlorophenol	17.04	266	158474	91.798	ng		97
71) Phenanthrene	17.42	178	546414	43.509	ng		99
72) Anthracene	17.51	178	559597	44.535	ng		99
73) Carbazole	17.79	167	513057	45.089	ng		99
74) Di-n-butylphthalate	18.33	149	625853	45.330	ng		99
75) Fluoranthene	19.43	202	749360	45.769	ng		100
77) Benzidine	19.62	184	121858	26.884	ng		97
78) Pyrene	19.79	202	749815	53.783	ng		99
80) Butylbenzylphthalate	20.67	149	246530	46.675	ng		95
81) Benzo(a)anthracene	21.62	228	630599	44.697	ng		99
82) 3,3'-Dichlorobenzidine	21.54	252	179235	32.846	ng		96
83) Chrysene	21.69	228	598918	42.726	ng		98
84) Bis(2-ethylhexyl)phthalate	21.53	149	297749	39.684	ng		99
85) Di-n-octyl phthalate	22.72	149	509162	39.999	ng		100
86) Indeno(1,2,3-cd)pyrene	28.46	276	706509	40.153	ng		99
88) Benzo(b)fluoranthene	23.82	252	582729	50.180	ng		99
89) Benzo(k)fluoranthene	23.89	252	597423	51.103	ng		98
90) Benzo(a)pyrene	24.68	252	546792	49.308	ng		99
91) Dibenzo(a,h)anthracene	28.52	278	598255	52.744	ng		99
92) Benzo(g,h,i)perylene	29.60	276	597055	53.363	ng		99

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

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