Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
Data File : BG043705.D
Acq On : 19 Nov 2019 19:34
Operator : JU
Sample : K5865-23MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2-(16-19)MSD

Manual Integrations APPROVED
mohammad
11/21/2019 9:04:15 AM

Quant Time: Nov 20 03:07:53 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 15:23:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	28013	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	116292	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	85334	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	213975	20.00	ng		0.00
76) Chrysene-d12	21.64	240	230078	20.00	ng		0.00
87) Perylene-d12	24.81	264	273309	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	218187	142.73	ng		0.00
7) Phenol-d6	7.19	99	307124	139.64	ng		0.00
23) Nitrobenzene-d5	9.15	82	185454	82.22	ng		0.00
42) 2,4,6-Tribromophenol	16.12	330	190438	117.27	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	501561	81.22	ng		0.00
79) Terphenyl-d14	19.98	244	998993	81.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	21232	35.640	ng		98
3) Pyridine	3.85	79	53896	35.865	ng		98
4) n-Nitrosodimethylamine	3.76	42	37997	50.108	ng		97
6) Aniline	7.32	93	71871	28.366	ng		97
8) 2-Chlorophenol	7.56	128	87356	51.766	ng		96
9) Benzaldehyde	7.13	77	40946	37.881	ng		94
10) Phenol	7.21	94	122762	61.080	ng		98
11) bis(2-Chloroethyl)ether	7.41	93	70182	45.165	ng		92
12) 1,3-Dichlorobenzene	7.88	146	91368	43.214	ng		98
13) 1,4-Dichlorobenzene	8.02	146	94656	44.248	ng		98
14) 1,2-Dichlorobenzene	8.35	146	91931	44.014	ng		93
15) Benzyl Alcohol	8.24	79	72528	46.953	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	102112	45.192	ng		98
17) 2-Methylphenol	8.46	107	74811	51.059	ng		97
18) Hexachloroethane	9.07	117	33360	43.224	ng		94
19) n-Nitroso-di-n-propylamine	8.79	70	66429	46.740	ng		97
20) 3+4-Methylphenols	8.79	107	101706	50.622	ng		96
22) Acetophenone	8.82	105	128168	43.037	ng	#	97
24) Nitrobenzene	9.20	77	98791	45.975	ng		98
25) Isophorone	9.71	82	189054	45.842	ng		97
26) 2-Nitrophenol	9.91	139	50404	48.586	ng		92
27) 2,4-Dimethylphenol	9.98	122	84764	57.007	ng		97
28) bis(2-Chloroethoxy)methane	10.20	93	100034	43.949	ng		96
29) 2,4-Dichlorophenol	10.46	162	94736	49.727	ng		96
30) 1,2,4-Trichlorobenzene	10.65	180	103791	43.226	ng		97
31) Naphthalene	10.84	128	273760	46.377	ng		100
32) Benzoic acid	10.17	122	39013	36.934	ng		95
33) 4-Chloroaniline	10.98	127	10654	4.403	ng	#	91
34) Hexachlorobutadiene	11.13	225	73412	41.359	ng		97
35) Caprolactam	11.74	113	31432m	47.905	ng		
36) 4-Chloro-3-methylphenol	12.11	107	102386	49.269	ng		89
37) 2-Methylnaphthalene	12.45	142	209158	46.180	ng		96
38) 1-Methylnaphthalene	12.67	142	202363	46.958	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	138678	43.912	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	12.79	237	136283	82.150	ng		99
43) 2,4,6-Trichlorophenol	13.06	196	88163	47.404	ng		92
44) 2,4,5-Trichlorophenol	13.16	196	94727	50.380	ng		98
46) 1,1'-Biphenyl	13.46	154	286872	44.190	ng		99
47) 2-Chloronaphthalene	13.50	162	223388	45.226	ng		99
48) 2-Nitroaniline	13.71	65	68762	46.578	ng		98
49) Acenaphthylene	14.34	152	367494	47.805	ng		99
50) Dimethylphthalate	14.08	163	378487	57.262	ng		98
51) 2,6-Dinitrotoluene	14.20	165	69601	48.470	ng		93
52) Acenaphthene	14.69	154	213471	45.535	ng		98
53) 3-Nitroaniline	14.54	138	25018	18.046	ng		95
54) 2,4-Dinitrophenol	14.74	184	77506	85.851	ng		92
55) Dibenzofuran	15.02	168	360424	47.409	ng		97
56) 4-Nitrophenol	14.89	139	91313	98.286	ng		84
57) 2,4-Dinitrotoluene	14.99	165	97433	47.479	ng		96
58) Fluorene	15.67	166	300866	47.185	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	98279	49.197	ng		99
60) Diethylphthalate	15.44	149	303775	45.740	ng		100
61) 4-Chlorophenyl-phenylether	15.66	204	170898	45.943	ng		98
62) 4-Nitroaniline	15.71	138	63119	44.084	ng		93
63) Azobenzene	15.95	77	256369	47.697	ng		98
65) 4,6-Dinitro-2-methylphenol	15.76	198	61924	49.175	ng		98
66) n-Nitrosodiphenylamine	15.88	169	264940	43.856	ng		97
67) 4-Bromophenyl-phenylether	16.55	248	119578	41.526	ng		95
68) Hexachlorobenzene	16.68	284	136741	41.368	ng		96
69) Atrazine	16.82	200	114984	54.777	ng		98
70) Pentachlorophenol	17.03	266	133511	88.643	ng		98
71) Phenanthrene	17.41	178	487776	44.517	ng		98
72) Anthracene	17.51	178	509640	46.488	ng		98
73) Carbazole	17.78	167	451285	45.457	ng		99
74) Di-n-butylphthalate	18.32	149	535453	44.452	ng		99
75) Fluoranthene	19.42	202	653350	45.738	ng		99
77) Benzidine	19.60	184	372396	80.424	ng	#	96
78) Pyrene	19.79	202	654960	45.989	ng		99
80) Butylbenzylphthalate	20.67	149	245980	45.589	ng		94
81) Benzo(a)anthracene	21.61	228	678239	47.061	ng		99
82) 3,3'-Dichlorobenzidine	21.53	252	149865	26.885	ng		95
83) Chrysene	21.68	228	659577	46.062	ng		99
84) Bis(2-ethylhexyl)phthalate	21.51	149	362519	47.299	ng		96
85) Di-n-octyl phthalate	22.71	149	621722	47.813	ng		98
86) Indeno(1,2,3-cd)pyrene	28.43	276	858769	47.777	ng	#	94
88) Benzo(b)fluoranthene	23.81	252	726565	46.938	ng		99
89) Benzo(k)fluoranthene	23.87	252	712548	45.725	ng		99
90) Benzo(a)pyrene	24.67	252	671014	45.395	ng		98
91) Dibenzo(a,h)anthracene	28.49	278	724801	47.938	ng		97
92) Benzo(g,h,i)perylene	29.57	276	718913	48.204	ng		96

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

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