Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112019\
Data File : BG043735.D
Acq On : 20 Nov 2019 19:47
Operator : JU
Sample : K5916-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
600429836MS

Manual Integrations APPROVED
mohammad
11/21/2019 1:05:33 PM

Quant Time: Nov 21 01:05:54 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	30189	20.00	ng		0.00
21) Naphthalene-d8	10.79	136	118123	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	84257	20.00	ng		0.00
64) Phenanthrene-d10	17.36	188	199472	20.00	ng		0.00
76) Chrysene-d12	21.63	240	214081	20.00	ng		0.00
87) Perylene-d12	24.80	264	229748	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	243587	147.86	ng		0.00
7) Phenol-d6	7.19	99	341498	144.07	ng		0.00
23) Nitrobenzene-d5	9.16	82	206932	90.32	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	201402	125.61	ng		0.00
45) 2-Fluorobiphenyl	13.24	172	547717	89.82	ng		0.00
79) Terphenyl-d14	19.98	244	1068951	93.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	24523	38.198	ng	#	47
3) Pyridine	3.87	79	66376	40.986	ng		99
4) n-Nitrosodimethylamine	3.78	42	44464	54.410	ng		98
6) Aniline	7.33	93	18852	6.904	ng		95
8) 2-Chlorophenol	7.56	128	91181	50.138	ng		99
9) Benzaldehyde	7.13	77	13717	11.776	ng		87
10) Phenol	7.21	94	111534	51.493	ng		97
11) bis(2-Chloroethyl)ether	7.41	93	74739	44.631	ng		91
12) 1,3-Dichlorobenzene	7.88	146	99488	43.662	ng		99
13) 1,4-Dichlorobenzene	8.02	146	99851	43.313	ng		96
14) 1,2-Dichlorobenzene	8.35	146	97719	43.413	ng		97
15) Benzyl Alcohol	8.24	79	66410	39.894	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.51	45	107003	43.943	ng		99
17) 2-Methylphenol	8.46	107	79514	50.357	ng		95
18) Hexachloroethane	9.07	117	34996	42.075	ng		90
19) n-Nitroso-di-n-propylamine	8.79	70	67283	43.928	ng	#	95
20) 3+4-Methylphenols	8.79	107	106847	49.347	ng		96
22) Acetophenone	8.82	105	136071	44.982	ng	#	98
24) Nitrobenzene	9.20	77	106326	48.714	ng		98
25) Isophorone	9.72	82	192324	45.912	ng		99
26) 2-Nitrophenol	9.91	139	53668	50.931	ng		97
27) 2,4-Dimethylphenol	9.98	122	87081	57.658	ng		98
28) bis(2-Chloroethoxy)methane	10.20	93	103241	44.655	ng		98
29) 2,4-Dichlorophenol	10.47	162	95829	49.521	ng		97
30) 1,2,4-Trichlorobenzene	10.66	180	109056	44.714	ng		99
31) Naphthalene	10.84	128	279193	46.564	ng		98
32) Benzoic acid	10.18	122	46862	42.024	ng		95
33) 4-Chloroaniline	10.99	127	5083	2.068	ng	#	87
34) Hexachlorobutadiene	11.13	225	76264	42.300	ng		99
35) Caprolactam	11.74	113	30245m	45.382	ng		
36) 4-Chloro-3-methylphenol	12.11	107	105801	50.124	ng		90
37) 2-Methylnaphthalene	12.45	142	215096	46.755	ng		99
38) 1-Methylnaphthalene	12.66	142	206250	47.118	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	139079	44.602	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 15:23:15 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	150767	92.042	ng		98
43) 2,4,6-Trichlorophenol	13.06	196	89625	48.806	ng		95
44) 2,4,5-Trichlorophenol	13.16	196	97181	52.346	ng		98
46) 1,1'-Biphenyl	13.45	154	289183	45.116	ng		99
47) 2-Chloronaphthalene	13.50	162	222728	45.669	ng		96
48) 2-Nitroaniline	13.71	65	64971	44.573	ng		95
49) Acenaphthylene	14.34	152	362433	47.749	ng		99
50) Dimethylphthalate	14.07	163	302675	46.378	ng		99
51) 2,6-Dinitrotoluene	14.20	165	66812	47.123	ng		95
52) Acenaphthene	14.69	154	217474	46.982	ng		96
53) 3-Nitroaniline	14.54	138	9576	6.995	ng	#	93
54) 2,4-Dinitrophenol	14.74	184	76664	85.991	ng		94
55) Dibenzofuran	15.02	168	357120	47.575	ng		98
56) 4-Nitrophenol	14.88	139	84896	92.547	ng		88
57) 2,4-Dinitrotoluene	14.99	165	95488	47.126	ng		97
58) Fluorene	15.67	166	293939	46.688	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.26	232	97777	49.571	ng		98
60) Diethylphthalate	15.43	149	293695	44.788	ng		99
61) 4-Chlorophenyl-phenylether	15.66	204	170464	46.412	ng		98
62) 4-Nitroaniline	15.70	138	45418	32.127	ng		97
63) Azobenzene	15.95	77	246948	46.531	ng		97
65) 4,6-Dinitro-2-methylphenol	15.76	198	60558	51.587	ng		98
66) n-Nitrosodiphenylamine	15.88	169	196283	34.854	ng		97
67) 4-Bromophenyl-phenylether	16.55	248	119266	44.429	ng		99
68) Hexachlorobenzene	16.68	284	132898	43.129	ng		95
69) Atrazine	16.82	200	65876	33.664	ng		95
70) Pentachlorophenol	17.03	266	136182	96.990	ng		97
71) Phenanthrene	17.41	178	471895	46.199	ng		97
72) Anthracene	17.50	178	491289	48.073	ng		99
73) Carbazole	17.78	167	339804	36.717	ng		99
74) Di-n-butylphthalate	18.32	149	507260	45.173	ng		99
75) Fluoranthene	19.42	202	622338	46.734	ng		99
77) Benzidine	19.66	184	978	0.227	ng	#	66
78) Pyrene	19.78	202	634755	47.901	ng		99
80) Butylbenzylphthalate	20.66	149	235188	46.846	ng		98
81) Benzo(a)anthracene	21.61	228	646154	48.185	ng		98
82) 3,3'-Dichlorobenzidine	21.54	252	14038	2.707	ng	#	96
83) Chrysene	21.68	228	632940	47.505	ng		98
84) Bis(2-ethylhexyl)phthalate	21.51	149	339149	47.556	ng		98
85) Di-n-octyl phthalate	22.70	149	591453	48.884	ng		98
86) Indeno(1,2,3-cd)pyrene	28.43	276	775537	46.371	ng		100
88) Benzo(b)fluoranthene	23.80	252	677104	52.036	ng		98
89) Benzo(k)fluoranthene	23.87	252	685302	52.315	ng		98
90) Benzo(a)pyrene	24.66	252	610485	49.131	ng		100
91) Dibenzo(a,h)anthracene	28.49	278	672825	52.938	ng		98
92) Benzo(g,h,i)perylene	29.56	276	635230	50.669	ng		99

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

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