Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111519\
Data File : BG043655.D
Acq On : 15 Nov 2019 17:57
Operator : JU
Sample : PB124801BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124801BS

Manual Integrations APPROVED
mohammad
11/18/2019 3:07:02 PM

Quant Time: Nov 16 02:02:33 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	7.99	152	23986	20.00	ng	-0.02
21) Naphthalene-d8	10.80	136	100855	20.00	ng	-0.02
39) Acenaphthene-d10	14.63	164	77125	20.00	ng	-0.01
64) Phenanthrene-d10	17.37	188	186245	20.00	ng	-0.02
76) Chrysene-d12	21.64	240	202832	20.00	ng	-0.02
87) Perylene-d12	24.82	264	233837	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	114214	87.26	ng	0.00
7) Phenol-d6	7.19	99	99551	52.86	ng	0.00
23) Nitrobenzene-d5	9.16	82	175557	89.74	ng	-0.02
42) 2,4,6-Tribromophenol	16.12	330	191803	130.68	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	501923	89.93	ng	-0.02
79) Terphenyl-d14	19.99	244	1064142	98.43	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	12154	23.827	ng	# 90
3) Pyridine	3.85	79	32235	25.052	ng	99
4) n-Nitrosodimethylamine	3.76	42	20892	32.177	ng	# 92
6) Aniline	7.33	93	51578	23.774	ng	96
8) 2-Chlorophenol	7.57	128	73227	50.678	ng	94
9) Benzaldehyde	7.13	77	42079	45.465	ng	90
10) Phenol	7.22	94	34468	20.029	ng	97
11) bis(2-Chloroethyl)ether	7.41	93	61209	46.004	ng	90
12) 1,3-Dichlorobenzene	7.88	146	65430	36.141	ng	96
13) 1,4-Dichlorobenzene	8.02	146	69944	38.186	ng	97
14) 1,2-Dichlorobenzene	8.35	146	67927	37.981	ng	98
15) Benzyl Alcohol	8.24	79	57545	43.508	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.52	45	83418	43.117	ng	97
17) 2-Methylphenol	8.47	107	54350	43.322	ng	92
18) Hexachloroethane	9.08	117	22302	33.748	ng	88
19) n-Nitroso-di-n-propylamine	8.79	70	59370	48.786	ng	# 94
20) 3+4-Methylphenols	8.79	107	65687m	38.183	ng	
22) Acetophenone	8.82	105	117841	45.625	ng	# 91
24) Nitrobenzene	9.20	77	89018	47.767	ng	98
25) Isophorone	9.72	82	171038	47.821	ng	99
26) 2-Nitrophenol	9.91	139	47865	53.201	ng	97
27) 2,4-Dimethylphenol	9.99	122	60047	46.565	ng	97
28) bis(2-Chloroethoxy)methane	10.20	93	91006	46.102	ng	99
29) 2,4-Dichlorophenol	10.47	162	86235	52.193	ng	91
30) 1,2,4-Trichlorobenzene	10.66	180	81642	39.206	ng	95
31) Naphthalene	10.85	128	229468	44.824	ng	98
32) Benzoic acid	10.16	122	3991	12.338	ng	# 74
33) 4-Chloroaniline	10.98	127	32175	15.332	ng	96
34) Hexachlorobutadiene	11.13	225	52185	33.900	ng	95
35) Caprolactam	11.78	113	6593m	11.586	ng	
36) 4-Chloro-3-methylphenol	12.11	107	95563	53.025	ng	99
37) 2-Methylnaphthalene	12.45	142	183856	46.807	ng	97
38) 1-Methylnaphthalene	12.67	142	180403	48.270	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	121222	42.470	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	79097	52.753	ng		97
43) 2,4,6-Trichlorophenol	13.07	196	80788	48.062	ng		98
44) 2,4,5-Trichlorophenol	13.16	196	82491	48.542	ng		95
46) 1,1'-Biphenyl	13.46	154	265439	45.241	ng		99
47) 2-Chloronaphthalene	13.51	162	199369	44.659	ng		100
48) 2-Nitroaniline	13.72	65	64607	48.422	ng		96
49) Acenaphthylene	14.35	152	340777	49.047	ng		98
50) Dimethylphthalate	14.08	163	291415	48.782	ng		99
51) 2,6-Dinitrotoluene	14.20	165	64791	49.923	ng		98
52) Acenaphthene	14.69	154	200766	47.383	ng		98
53) 3-Nitroaniline	14.55	138	29813	23.793	ng		96
54) 2,4-Dinitrophenol	14.75	184	67179	82.631	ng		99
55) Dibenzofuran	15.03	168	340665	49.579	ng		99
56) 4-Nitrophenol	14.89	139	35074	41.771	ng		91
57) 2,4-Dinitrotoluene	14.99	165	94172	50.774	ng	#	97
58) Fluorene	15.67	166	286325	49.684	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.26	232	87219	48.307	ng		97
60) Diethylphthalate	15.44	149	292012	48.649	ng		98
61) 4-Chlorophenyl-phenylether	15.66	204	160474	47.733	ng		98
62) 4-Nitroaniline	15.71	138	59320	45.841	ng		95
63) Azobenzene	15.96	77	239832	49.370	ng		95
65) 4,6-Dinitro-2-methylphenol	15.76	198	53750	49.039	ng		91
66) n-Nitrosodiphenylamine	15.89	169	251522	47.834	ng		97
67) 4-Bromophenyl-phenylether	16.56	248	118580	47.310	ng		97
68) Hexachlorobenzene	16.68	284	127662	44.372	ng		97
69) Atrazine	16.83	200	114869	62.870	ng		98
70) Pentachlorophenol	17.04	266	97220	74.158	ng		95
71) Phenanthrene	17.41	178	464332	48.687	ng		100
72) Anthracene	17.51	178	476838	49.972	ng		99
73) Carbazole	17.78	167	432067	50.002	ng		99
74) Di-n-butylphthalate	18.33	149	511362	48.772	ng		98
75) Fluoranthene	19.43	202	625209	50.284	ng		99
77) Benzidine	19.61	184	95969	23.510	ng		99
78) Pyrene	19.79	202	624455	49.737	ng		99
80) Butylbenzylphthalate	20.67	149	234058	49.207	ng		95
81) Benzo(a)anthracene	21.62	228	643418	50.642	ng		99
82) 3,3'-Dichlorobenzidine	21.54	252	163943	33.361	ng		98
83) Chrysene	21.68	228	620343	49.141	ng		97
84) Bis(2-ethylhexyl)phthalate	21.52	149	346541	51.288	ng		100
85) Di-n-octyl phthalate	22.71	149	596521	52.037	ng		99
86) Indeno(1,2,3-cd)pyrene	28.46	276	812241	51.259	ng		99
88) Benzo(b)fluoranthene	23.82	252	688156	51.961	ng		100
89) Benzo(k)fluoranthene	23.88	252	685296	51.400	ng		97
90) Benzo(a)pyrene	24.68	252	627592	49.624	ng		98
91) Dibenzo(a,h)anthracene	28.51	278	691213	53.434	ng		98
92) Benzo(g,h,i)perylene	29.59	276	684154	53.617	ng		99

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

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