Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111119\
Data File : BG043594.D
Acq On : 11 Nov 2019 21:55
Operator : JU
Sample : K5782-05MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2A-COMPMS

Manual Integrations APPROVED
mohammad
11/12/2019 5:04:13 PM

Quant Time: Nov 12 02:15:57 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	29268	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	127445	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	100781	20.00	ng		0.00
64) Phenanthrene-d10	17.38	188	261137	20.00	ng		-0.01
76) Chrysene-d12	21.64	240	217272	20.00	ng		-0.01
87) Perylene-d12	24.83	264	246958	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	188954	118.30	ng		0.00
7) Phenol-d6	7.20	99	282429	122.90	ng		0.00
23) Nitrobenzene-d5	9.16	82	172926	69.95	ng		-0.01
42) 2,4,6-Tribromophenol	16.12	330	191843	100.03	ng		0.00
45) 2-Fluorobiphenyl	13.25	172	492408	67.51	ng		-0.01
79) Terphenyl-d14	19.99	244	1009261	87.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	18079	29.046	ng		87
3) Pyridine	3.86	79	48662	30.993	ng		91
4) n-Nitrosodimethylamine	3.77	42	34197	43.163	ng		86
6) Aniline	7.34	93	77353	29.221	ng		99
8) 2-Chlorophenol	7.58	128	88400	50.138	ng		98
9) Benzaldehyde	7.14	77	39907	35.337	ng		95
10) Phenol	7.23	94	125401	59.717	ng		98
11) bis(2-Chloroethyl)ether	7.42	93	69013	42.508	ng		100
12) 1,3-Dichlorobenzene	7.89	146	87929	39.804	ng		97
13) 1,4-Dichlorobenzene	8.03	146	90637	40.553	ng		99
14) 1,2-Dichlorobenzene	8.36	146	87588	40.136	ng		94
15) Benzyl Alcohol	8.25	79	81414	50.446	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.53	45	95166	40.312	ng		97
17) 2-Methylphenol	8.47	107	76555	50.009	ng		97
18) Hexachloroethane	9.09	117	32684	40.532	ng		99
19) n-Nitroso-di-n-propylamine	8.80	70	67471	45.437	ng		95
20) 3+4-Methylphenols	8.80	107	107425	51.175	ng	#	88
22) Acetophenone	8.83	105	131167	40.189	ng	#	98
24) Nitrobenzene	9.20	77	99775	42.369	ng		96
25) Isophorone	9.73	82	195928	43.351	ng		99
26) 2-Nitrophenol	9.92	139	52310	46.011	ng		94
27) 2,4-Dimethylphenol	10.00	122	89239	54.765	ng		97
28) bis(2-Chloroethoxy)methane	10.21	93	105498	42.293	ng		99
29) 2,4-Dichlorophenol	10.47	162	101131	48.438	ng		97
30) 1,2,4-Trichlorobenzene	10.67	180	106972	40.652	ng		99
31) Naphthalene	10.85	128	280311	43.331	ng		99
32) Benzoic acid	10.19	122	50500	41.985	ng		95
33) 4-Chloroaniline	10.98	127	46389	17.494	ng		97
34) Hexachlorobutadiene	11.14	225	73401	37.734	ng		95
35) Caprolactam	11.75	113	34677m	48.226	ng		
36) 4-Chloro-3-methylphenol	12.12	107	114052	50.080	ng		97
37) 2-Methylnaphthalene	12.46	142	220809	44.486	ng		96
38) 1-Methylnaphthalene	12.68	142	213426	45.191	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	144154	38.650	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	142503	72.733	ng		99
43) 2,4,6-Trichlorophenol	13.08	196	94084	42.834	ng		98
44) 2,4,5-Trichlorophenol	13.16	196	104886	47.233	ng		96
46) 1,1'-Biphenyl	13.46	154	309549	40.375	ng		97
47) 2-Chloronaphthalene	13.51	162	234768	40.245	ng		99
48) 2-Nitroaniline	13.72	65	75479	43.291	ng		95
49) Acenaphthylene	14.36	152	403432	44.436	ng		99
50) Dimethylphthalate	14.09	163	371956	47.649	ng		99
51) 2,6-Dinitrotoluene	14.21	165	76190	44.927	ng		99
52) Acenaphthene	14.70	154	235226	42.485	ng		97
53) 3-Nitroaniline	14.55	138	37683	23.015	ng	#	99
54) 2,4-Dinitrophenol	14.76	184	86594	81.609	ng		95
55) Dibenzofuran	15.03	168	392437	43.708	ng		97
56) 4-Nitrophenol	14.90	139	110186	100.422	ng		93
57) 2,4-Dinitrotoluene	15.00	165	109663	45.248	ng		97
58) Fluorene	15.68	166	329791	43.794	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.27	232	105292m	44.629	ng		
60) Diethylphthalate	15.45	149	341832	43.581	ng		99
61) 4-Chlorophenyl-phenylether	15.67	204	190442	43.350	ng		99
62) 4-Nitroaniline	15.72	138	73883	43.693	ng		96
63) Azobenzene	15.97	77	286256	45.094	ng		97
65) 4,6-Dinitro-2-methylphenol	15.77	198	68829	44.787	ng		94
66) n-Nitrosodiphenylamine	15.89	169	304088	41.246	ng		97
67) 4-Bromophenyl-phenylether	16.57	248	137542	39.138	ng		97
68) Hexachlorobenzene	16.69	284	150564	37.324	ng		94
69) Atrazine	16.84	200	135646	52.949	ng		96
70) Pentachlorophenol	17.04	266	147191	80.076	ng		99
71) Phenanthrene	17.42	178	547847	40.969	ng		98
72) Anthracene	17.51	178	571469	42.714	ng		100
73) Carbazole	17.79	167	512588	42.308	ng		98
74) Di-n-butylphthalate	18.33	149	620603	42.216	ng		99
75) Fluoranthene	19.43	202	724410	41.553	ng		99
77) Benzidine	19.61	184	234477	53.623	ng		98
78) Pyrene	19.79	202	729231	54.222	ng		100
80) Butylbenzylphthalate	20.67	149	231002	45.337	ng		94
81) Benzo(a)anthracene	21.62	228	603678	44.356	ng		98
82) 3,3'-Dichlorobenzidine	21.54	252	102334	19.440	ng		98
83) Chrysene	21.69	228	573528	42.413	ng		98
84) Bis(2-ethylhexyl)phthalate	21.52	149	299069	41.320	ng		99
85) Di-n-octyl phthalate	22.72	149	517653	42.156	ng		100
86) Indeno(1,2,3-cd)pyrene	28.46	276	720358	42.439	ng	#	97
88) Benzo(b)fluoranthene	23.82	252	592293	42.346	ng		98
89) Benzo(k)fluoranthene	23.89	252	602719	42.805	ng		98
90) Benzo(a)pyrene	24.68	252	561982	42.076	ng		98
91) Dibenzo(a,h)anthracene	28.52	278	604443	44.244	ng		99
92) Benzo(g,h,i)perylene	29.60	276	606844	45.032	ng		97

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

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