Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100819\
Data File : BG043090.D
Acq On : 8 Oct 2019 18:00
Operator : JU
Sample : K5141-08MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JC-02-100419MS

Manual Integrations APPROVED
mohammad
10/11/2019 8:29:55 AM

Quant Time: Oct 09 02:16:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	55230	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	207235	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	155194	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	392462	20.00	ng	0.00
76) Chrysene-d12	21.69	240	432956	20.00	ng	0.00
87) Perylene-d12	24.90	264	501363	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	402997	130.22	ng	0.00
7) Phenol-d6	7.24	99	584603	131.18	ng	0.00
23) Nitrobenzene-d5	9.22	82	352704	82.72	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	391034	146.53	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	912923	85.28	ng	0.00
79) Terphenyl-d14	20.03	244	1912903	94.15	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	45228	35.052	ng	# 60
3) Pyridine	3.96	79	78268	21.567	ng	88
4) n-Nitrosodimethylamine	3.85	42	66022	37.831	ng	# 86
6) Aniline	7.39	93	125616	23.350	ng	99
8) 2-Chlorophenol	7.63	128	153572	47.583	ng	96
9) Benzaldehyde	7.20	77	83387	30.620	ng	# 77
10) Phenol	7.26	94	213036	52.102	ng	94
11) bis(2-Chloroethyl)ether	7.48	93	139596	44.125	ng	92
12) 1,3-Dichlorobenzene	7.95	146	163280	39.658	ng	97
13) 1,4-Dichlorobenzene	8.09	146	167950	40.920	ng	95
14) 1,2-Dichlorobenzene	8.41	146	156097	39.948	ng	94
15) Benzyl Alcohol	8.30	79	148758	44.397	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.58	45	192859	31.743	ng	96
17) 2-Methylphenol	8.51	107	133018	46.493	ng	96
18) Hexachloroethane	9.14	117	59346	38.393	ng	91
19) n-Nitroso-di-n-propylamine	8.86	70	118209	40.394	ng	92
20) 3+4-Methylphenols	8.83	107	188363	48.043	ng	96
22) Acetophenone	8.88	105	227647	42.616	ng	# 95
24) Nitrobenzene	9.26	77	182566	44.891	ng	98
25) Isophorone	9.78	82	344532	46.004	ng	98
26) 2-Nitrophenol	9.97	139	90445	52.242	ng	94
27) 2,4-Dimethylphenol	10.03	122	154518	58.117	ng	96
28) bis(2-Chloroethoxy)methane	10.26	93	186051	43.786	ng	97
29) 2,4-Dichlorophenol	10.52	162	171701	51.926	ng	100
30) 1,2,4-Trichlorobenzene	10.72	180	180915	42.368	ng	99
31) Naphthalene	10.91	128	459430	45.036	ng	99
32) Benzoic acid	10.14	122	33736	19.633	ng	95
33) 4-Chloroaniline	11.03	127	42214	9.536	ng	95
34) Hexachlorobutadiene	11.20	225	126692	39.625	ng	98
35) Caprolactam	11.79	113	58752m	50.384	ng	
36) 4-Chloro-3-methylphenol	12.15	107	191383	53.232	ng	95
37) 2-Methylnaphthalene	12.51	142	353618	45.438	ng	96
38) 1-Methylnaphthalene	12.73	142	339600	46.117	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	236250	40.487	ng	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	309407	83.221 ng	97
43) 2,4,6-Trichlorophenol	13.12	196	165748	48.530 ng	100
44) 2,4,5-Trichlorophenol	13.19	196	185040	52.593 ng	97
46) 1,1'-Biphenyl	13.51	154	493201	41.907 ng	98
47) 2-Chloronaphthalene	13.56	162	387042	43.863 ng	99
48) 2-Nitroaniline	13.76	65	133267	45.416 ng	90
49) Acenaphthylene	14.40	152	638375	47.281 ng	99
50) Dimethylphthalate	14.13	163	729580	62.743 ng	98
51) 2,6-Dinitrotoluene	14.25	165	126332	51.017 ng	93
52) Acenaphthene	14.75	154	384478	42.543 ng	98
53) 3-Nitroaniline	14.59	138	85720	33.496 ng	95
54) 2,4-Dinitrophenol	14.78	184	99234	64.470 ng	96
55) Dibenzofuran	15.07	168	629053	47.053 ng	99
56) 4-Nitrophenol	14.90	139	208718	107.041 ng	96
57) 2,4-Dinitrotoluene	15.03	165	184823	50.968 ng	95
58) Fluorene	15.73	166	537735	47.113 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	184353	49.212 ng	99
60) Diethylphthalate	15.49	149	566672	47.885 ng	99
61) 4-Chlorophenyl-phenylether	15.71	204	309339	45.190 ng	97
62) 4-Nitroaniline	15.75	138	141611	50.738 ng	98
63) Azobenzene	16.01	77	484550	44.974 ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	97694	43.990 ng	92
66) n-Nitrosodiphenylamine	15.93	169	496527	47.925 ng	99
67) 4-Bromophenyl-phenylether	16.61	248	225180	45.715 ng	98
68) Hexachlorobenzene	16.73	284	248348	45.282 ng	96
69) Atrazine	16.88	200	193752	44.411 ng	95
70) Pentachlorophenol	17.07	266	282252	89.188 ng	99
71) Phenanthrene	17.47	178	908820	47.433 ng	97
72) Anthracene	17.55	178	931158	48.681 ng	99
73) Carbazole	17.82	167	876396	49.409 ng	99
74) Di-n-butylphthalate	18.38	149	1006226	47.546 ng	99
75) Fluoranthene	19.47	202	1214966	47.941 ng	99
77) Benzidine	19.65	184	322861	29.782 ng	99
78) Pyrene	19.83	202	1227268	47.492 ng	99
80) Butylbenzylphthalate	20.71	149	469875	47.903 ng	100
81) Benzo(a)anthracene	21.67	228	1244374	46.127 ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	383481	36.243 ng	99
83) Chrysene	21.74	228	1218971	46.562 ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	662325	47.454 ng	99
85) Di-n-octyl phthalate	22.79	149	1127558	49.404 ng	96
86) Indeno(1,2,3-cd)pyrene	28.57	276	1613206	49.499 ng	100
88) Benzo(b)fluoranthene	23.89	252	1357816	47.864 ng	99
89) Benzo(k)fluoranthene	23.96	252	1312663	46.774 ng	100
90) Benzo(a)pyrene	24.76	252	1311820	49.013 ng	100
91) Dibenzo(a,h)anthracene	28.64	278	1354555	49.355 ng	97
92) Benzo(g,h,i)perylene	29.73	276	1339334	50.366 ng	97

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

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