Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041685.D
Acq On : 17 Jul 2019 12:10
Operator : HP/JU
Sample : PB121341BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB121341BS

Manual Integrations APPROVED
mohammad
7/19/2019 2:24:39 PM

Quant Time: Jul 18 07:17:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	87399	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	349968	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	221828	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	543323	20.00	ng		0.00
76) Chrysene-d12	21.66	240	531799	20.00	ng		0.00
87) Perylene-d12	24.85	264	556918	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	731198	136.77	ng		0.00
7) Phenol-d6	7.20	99	946134	131.57	ng		0.00
23) Nitrobenzene-d5	9.20	82	551571	95.85	ng		-0.01
42) 2,4,6-Tribromophenol	16.15	330	377351	150.94	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	1348367	94.12	ng		0.00
79) Terphenyl-d14	20.01	244	2086477	91.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	103779	40.871	ng		95
3) Pyridine	3.88	79	256290	37.812	ng		94
4) n-Nitrosodimethylamine	3.80	42	129983	41.526	ng		97
6) Aniline	7.36	93	322831	33.403	ng		99
8) 2-Chlorophenol	7.61	128	273020	45.108	ng		99
9) Benzaldehyde	7.17	77	199555	47.253	ng		97
10) Phenol	7.23	94	342684	45.231	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	257550	42.091	ng		98
12) 1,3-Dichlorobenzene	7.94	146	302751	41.921	ng		99
13) 1,4-Dichlorobenzene	8.08	146	308767	42.692	ng		97
14) 1,2-Dichlorobenzene	8.40	146	290382	42.585	ng		94
15) Benzyl Alcohol	8.28	79	244529	42.713	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	506104	39.917	ng		100
17) 2-Methylphenol	8.48	107	238967	45.609	ng		98
18) Hexachloroethane	9.14	117	109017	41.154	ng		97
19) n-Nitroso-di-n-propylamine	8.85	70	213172	40.558	ng		97
20) 3+4-Methylphenols	8.81	107	331369	46.152	ng		99
22) Acetophenone	8.87	105	393781	46.199	ng	#	95
24) Nitrobenzene	9.25	77	297996	47.470	ng		98
25) Isophorone	9.77	82	564568	44.803	ng		98
26) 2-Nitrophenol	9.96	139	143547	49.667	ng		99
27) 2,4-Dimethylphenol	10.02	122	274611	55.079	ng		98
28) bis(2-Chloroethoxy)methane	10.25	93	345242	44.453	ng		99
29) 2,4-Dichlorophenol	10.49	162	284585	50.064	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	303150	45.420	ng		97
31) Naphthalene	10.91	128	802605	46.583	ng		98
32) Benzoic acid	10.14	122	184403	48.630	ng		96
33) 4-Chloroaniline	11.00	127	222727	28.025	ng		99
34) Hexachlorobutadiene	11.20	225	187733	43.762	ng		99
35) Caprolactam	11.76	113	101976m	48.807	ng		
36) 4-Chloro-3-methylphenol	12.12	107	289617	48.634	ng		98
37) 2-Methylnaphthalene	12.51	142	622208	47.268	ng		98
38) 1-Methylnaphthalene	12.72	142	584253	46.556	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	348806	45.905	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	394386	91.754	ng		99
43) 2,4,6-Trichlorophenol	13.10	196	244477	49.518	ng		97
44) 2,4,5-Trichlorophenol	13.17	196	261631	50.296	ng		97
46) 1,1'-Biphenyl	13.51	154	772785	46.500	ng		99
47) 2-Chloronaphthalene	13.55	162	628415	45.371	ng		98
48) 2-Nitroaniline	13.74	65	193315	47.937	ng		94
49) Acenaphthylene	14.39	152	998839	46.195	ng		99
50) Dimethylphthalate	14.12	163	814884	46.773	ng		99
51) 2,6-Dinitrotoluene	14.23	165	189136	51.181	ng		97
52) Acenaphthene	14.73	154	686020	50.347	ng		99
53) 3-Nitroaniline	14.55	138	138302	34.284	ng		99
54) 2,4-Dinitrophenol	14.76	184	192933	101.052	ng		94
55) Dibenzofuran	15.06	168	961174	47.008	ng		98
56) 4-Nitrophenol	14.86	139	365628	111.949	ng		97
57) 2,4-Dinitrotoluene	15.01	165	258571	52.932	ng		99
58) Fluorene	15.71	166	776595	46.678	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.28	232	251217	52.312	ng		97
60) Diethylphthalate	15.48	149	817709	46.589	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	439839	46.769	ng		99
62) 4-Nitroaniline	15.72	138	206122	48.178	ng		99
63) Azobenzene	16.00	77	728167	45.889	ng		99
65) 4,6-Dinitro-2-methylphenol	15.78	198	137550	52.588	ng		98
66) n-Nitrosodiphenylamine	15.91	169	730522	45.785	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	291040	45.019	ng		97
68) Hexachlorobenzene	16.72	284	286219	43.966	ng		97
69) Atrazine	16.86	200	277154	47.866	ng		99
70) Pentachlorophenol	17.05	266	410685	100.894	ng		99
71) Phenanthrene	17.44	178	1276346	46.647	ng		97
72) Anthracene	17.54	178	1299074	47.630	ng		96
73) Carbazole	17.80	167	1198431	47.378	ng		97
74) Di-n-butylphthalate	18.37	149	1393455	45.167	ng		97
75) Fluoranthene	19.45	202	1550881	46.160	ng		96
77) Benzidine	19.62	184	796574	43.458	ng		99
78) Pyrene	19.81	202	1558683	43.336	ng		94
80) Butylbenzylphthalate	20.69	149	675242	45.179	ng		96
81) Benzo(a)anthracene	21.63	228	1530194	44.534	ng		97
82) 3,3'-Dichlorobenzidine	21.55	252	511029	37.795	ng		98
83) Chrysene	21.70	228	1500065	45.689	ng		96
84) Bis(2-ethylhexyl)phthalate	21.56	149	950684	45.051	ng		96
85) Di-n-octyl phthalate	22.77	149	1639607	45.624	ng		96
86) Indeno(1,2,3-cd)pyrene	28.50	276	1937430	44.723	ng	#	92
88) Benzo(b)fluoranthene	23.84	252	1673412	49.537	ng		98
89) Benzo(k)fluoranthene	23.91	252	1644411	52.534	ng		98
90) Benzo(a)pyrene	24.71	252	1660989	51.968	ng		98
91) Dibenzo(a,h)anthracene	28.57	278	1591823	51.366	ng		99
92) Benzo(g,h,i)perylene	29.64	276	1598385	51.468	ng		99

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

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