Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071719\
Data File : BG041686.D
Acq On : 17 Jul 2019 12:49
Operator : HP/JU
Sample : PB121423BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB121423BS

Manual Integrations APPROVED
mohammad
7/19/2019 2:24:42 PM

Quant Time: Jul 18 07:18:55 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	91813	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	360244	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	232365	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	559482	20.00	ng		0.00
76) Chrysene-d12	21.66	240	539693	20.00	ng		0.00
87) Perylene-d12	24.85	264	560033	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	743978	132.47	ng		0.00
7) Phenol-d6	7.20	99	968383	128.19	ng		0.00
23) Nitrobenzene-d5	9.21	82	570502	96.31	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	392894	150.03	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	1378744	91.88	ng		0.00
79) Terphenyl-d14	20.00	244	2101961	91.02	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	106712	40.005	ng		98
3) Pyridine	3.89	79	264461	37.142	ng		97
4) n-Nitrosodimethylamine	3.80	42	132529	40.304	ng		94
6) Aniline	7.37	93	327046	32.212	ng		98
8) 2-Chlorophenol	7.61	128	283505	44.589	ng		98
9) Benzaldehyde	7.18	77	205876	46.027	ng		93
10) Phenol	7.23	94	350987	44.100	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	262353	40.815	ng		98
12) 1,3-Dichlorobenzene	7.94	146	313362	41.304	ng		99
13) 1,4-Dichlorobenzene	8.08	146	318694	41.946	ng		97
14) 1,2-Dichlorobenzene	8.41	146	297579	41.542	ng		96
15) Benzyl Alcohol	8.28	79	248732	41.358	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	517384	38.844	ng		98
17) 2-Methylphenol	8.48	107	246609	44.805	ng		99
18) Hexachloroethane	9.14	117	114096	41.000	ng		97
19) n-Nitroso-di-n-propylamine	8.85	70	220496	39.934	ng		98
20) 3+4-Methylphenols	8.81	107	339036	44.949	ng		98
22) Acetophenone	8.86	105	400706	45.670	ng	#	97
24) Nitrobenzene	9.25	77	303053	46.898	ng		99
25) Isophorone	9.78	82	574914	44.323	ng		99
26) 2-Nitrophenol	9.96	139	148813	49.987	ng		98
27) 2,4-Dimethylphenol	10.02	122	276751	53.925	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	358117	44.796	ng		100
29) 2,4-Dichlorophenol	10.50	162	291383	49.798	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	311231	45.300	ng		99
31) Naphthalene	10.90	128	821541	46.322	ng		98
32) Benzoic acid	10.14	122	192902	49.322	ng		98
33) 4-Chloroaniline	11.00	127	229260	28.024	ng		98
34) Hexachlorobutadiene	11.20	225	193947	43.921	ng		98
35) Caprolactam	11.76	113	104813m	48.734	ng		
36) 4-Chloro-3-methylphenol	12.11	107	299752	48.900	ng		99
37) 2-Methylnaphthalene	12.51	142	630639	46.542	ng		100
38) 1-Methylnaphthalene	12.72	142	600036	46.450	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	356169	44.748	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	398645	88.540	ng		99
43) 2,4,6-Trichlorophenol	13.10	196	252785	48.879	ng		97
44) 2,4,5-Trichlorophenol	13.17	196	267780	49.144	ng		98
46) 1,1'-Biphenyl	13.51	154	793665	45.591	ng		98
47) 2-Chloronaphthalene	13.55	162	639225	44.059	ng		97
48) 2-Nitroaniline	13.74	65	203129	48.087	ng		99
49) Acenaphthylene	14.39	152	1022406	45.141	ng		98
50) Dimethylphthalate	14.12	163	832015	45.591	ng		99
51) 2,6-Dinitrotoluene	14.23	165	195208	50.429	ng		95
52) Acenaphthene	14.73	154	704098	49.330	ng		99
53) 3-Nitroaniline	14.55	138	139772	33.077	ng	#	93
54) 2,4-Dinitrophenol	14.76	184	203118	101.523	ng		96
55) Dibenzofuran	15.06	168	984171	45.950	ng		98
56) 4-Nitrophenol	14.86	139	380936	111.347	ng		97
57) 2,4-Dinitrotoluene	15.02	165	267750	52.326	ng		97
58) Fluorene	15.71	166	794862	45.609	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	254648	50.622	ng		99
60) Diethylphthalate	15.48	149	835980	45.471	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	448173	45.494	ng		98
62) 4-Nitroaniline	15.72	138	209283	46.698	ng		99
63) Azobenzene	16.00	77	746272	44.898	ng		97
65) 4,6-Dinitro-2-methylphenol	15.77	198	141758	52.626	ng		97
66) n-Nitrosodiphenylamine	15.92	169	749786	45.635	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	298966	44.909	ng		99
68) Hexachlorobenzene	16.71	284	300144	44.773	ng		96
69) Atrazine	16.86	200	281797	47.262	ng		99
70) Pentachlorophenol	17.05	266	418166	99.764	ng		98
71) Phenanthrene	17.44	178	1294655	45.949	ng		97
72) Anthracene	17.54	178	1321511	47.053	ng		97
73) Carbazole	17.80	167	1219971	46.837	ng		97
74) Di-n-butylphthalate	18.37	149	1426825	44.913	ng		96
75) Fluoranthene	19.45	202	1596702	46.151	ng		95
77) Benzidine	19.62	184	810722	43.630	ng		99
78) Pyrene	19.80	202	1604461	43.957	ng		95
80) Butylbenzylphthalate	20.69	149	681832	44.953	ng		97
81) Benzo(a)anthracene	21.63	228	1545774	44.330	ng		97
82) 3,3'-Dichlorobenzidine	21.54	252	511122	37.249	ng		96
83) Chrysene	21.70	228	1515280	45.477	ng		96
84) Bis(2-ethylhexyl)phthalate	21.56	149	956206	44.650	ng		98
85) Di-n-octyl phthalate	22.77	149	1645144	45.109	ng		97
86) Indeno(1,2,3-cd)pyrene	28.49	276	1957254	44.519	ng	#	92
88) Benzo(b)fluoranthene	23.84	252	1706442	50.234	ng		98
89) Benzo(k)fluoranthene	23.91	252	1637540	52.023	ng		98
90) Benzo(a)pyrene	24.70	252	1674560	52.101	ng		99
91) Dibenzo(a,h)anthracene	28.57	278	1598166	51.284	ng		100
92) Benzo(g,h,i)perylene	29.63	276	1612602	51.637	ng		98

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

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