Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041830.D
Acq On : 31 Jul 2019 11:32
Operator : HP/JU
Sample : PB121812BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB121812BS

Manual Integrations APPROVED
mohammad
8/1/2019 5:05:28 PM

Quant Time: Jul 31 13:03:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	100385	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	407798	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	297717	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	668898	20.00	ng		0.00
76) Chrysene-d12	21.74	240	659000	20.00	ng		0.00
87) Perylene-d12	25.01	264	729801	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	658113	127.55	ng		0.00
7) Phenol-d6	7.20	99	901067	129.54	ng		0.00
23) Nitrobenzene-d5	9.21	82	521888	88.07	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	462952	136.90	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1402840	83.11	ng		0.00
79) Terphenyl-d14	20.06	244	2228664	77.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	92796	38.212	ng		92
3) Pyridine	3.86	79	174208	26.160	ng		86
4) n-Nitrosodimethylamine	3.78	42	90580	34.312	ng		94
6) Aniline	7.36	93	296109	30.232	ng		94
8) 2-Chlorophenol	7.61	128	252927	42.810	ng		93
9) Benzaldehyde	7.17	77	45372m	9.270	ng		
10) Phenol	7.22	94	303747	41.974	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	225597	37.921	ng		95
12) 1,3-Dichlorobenzene	7.94	146	272063	35.282	ng		97
13) 1,4-Dichlorobenzene	8.08	146	279259	36.194	ng		96
14) 1,2-Dichlorobenzene	8.40	146	266422	36.187	ng		94
15) Benzyl Alcohol	8.28	79	217275	39.704	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	377859	35.700	ng		97
17) 2-Methylphenol	8.48	107	216608	41.158	ng		99
18) Hexachloroethane	9.14	117	96672	36.587	ng		91
19) n-Nitroso-di-n-propylamine	8.85	70	187020	37.033	ng		91
20) 3+4-Methylphenols	8.81	107	297143	41.259	ng		100
22) Acetophenone	8.87	105	362601	39.752	ng	#	93
24) Nitrobenzene	9.25	77	265478	42.524	ng		97
25) Isophorone	9.78	82	508005	39.408	ng		97
26) 2-Nitrophenol	9.97	139	146710	50.635	ng		95
27) 2,4-Dimethylphenol	10.03	122	247263	48.352	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	308606	38.309	ng		100
29) 2,4-Dichlorophenol	10.51	162	282380	45.344	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	311246	39.413	ng		98
31) Naphthalene	10.92	128	760104	40.726	ng		98
32) Benzoic acid	10.17	122	141303	40.374	ng		98
33) 4-Chloroaniline	11.02	127	213498	24.122	ng		94
34) Hexachlorobutadiene	11.21	225	204325	38.337	ng		97
35) Caprolactam	11.79	113	94393m	43.615	ng		
36) 4-Chloro-3-methylphenol	12.14	107	276526	44.789	ng		95
37) 2-Methylnaphthalene	12.52	142	610116	41.299	ng		99
38) 1-Methylnaphthalene	12.75	142	581839	41.560	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	388060	41.178	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	443949	83.789	ng		98
43) 2,4,6-Trichlorophenol	13.13	196	255789	42.944	ng		98
44) 2,4,5-Trichlorophenol	13.20	196	280486	45.315	ng		96
46) 1,1'-Biphenyl	13.54	154	785743	41.057	ng		96
47) 2-Chloronaphthalene	13.58	162	635735	39.016	ng		98
48) 2-Nitroaniline	13.77	65	180070	43.574	ng		90
49) Acenaphthylene	14.42	152	1001441	41.088	ng		98
50) Dimethylphthalate	14.15	163	838445	41.236	ng		99
51) 2,6-Dinitrotoluene	14.26	165	201222	47.328	ng		89
52) Acenaphthene	14.77	154	704703	44.454	ng		99
53) 3-Nitroaniline	14.59	138	152140	33.449	ng		95
54) 2,4-Dinitrophenol	14.80	184	221388	84.175	ng		90
55) Dibenzofuran	15.10	168	1002614	41.350	ng		96
56) 4-Nitrophenol	14.90	139	332715	96.366	ng		92
57) 2,4-Dinitrotoluene	15.05	165	281026	48.064	ng		97
58) Fluorene	15.75	166	805822	41.413	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	288041	46.985	ng	#	92
60) Diethylphthalate	15.52	149	832505	41.704	ng		98
61) 4-Chlorophenyl-phenylether	15.74	204	482595	40.626	ng		96
62) 4-Nitroaniline	15.76	138	202663	41.136	ng		97
63) Azobenzene	16.04	77	662293	40.615	ng		94
65) 4,6-Dinitro-2-methylphenol	15.82	198	153954	47.165	ng		86
66) n-Nitrosodiphenylamine	15.96	169	765648	42.022	ng		97
67) 4-Bromophenyl-phenylether	16.64	248	332254	40.324	ng		97
68) Hexachlorobenzene	16.76	284	338548	39.275	ng		93
69) Atrazine	16.90	200	307248	42.919	ng		100
70) Pentachlorophenol	17.10	266	444746	90.823	ng		100
71) Phenanthrene	17.50	178	1333875	41.603	ng		97
72) Anthracene	17.59	178	1366342	42.729	ng		96
73) Carbazole	17.85	167	1226854	42.747	ng		94
74) Di-n-butylphthalate	18.42	149	1399515	43.012	ng		97
75) Fluoranthene	19.50	202	1653342	42.424	ng		94
77) Benzidine	19.67	184	647550	30.105	ng		97
78) Pyrene	19.86	202	1655143	42.391	ng		94
80) Butylbenzylphthalate	20.75	149	667297	44.576	ng		91
81) Benzo(a)anthracene	21.72	228	1603384	41.124	ng		96
82) 3,3'-Dichlorobenzidine	21.63	252	536481	34.271	ng		98
83) Chrysene	21.78	228	1588977	42.516	ng		97
84) Bis(2-ethylhexyl)phthalate	21.63	149	916491	44.383	ng		98
85) Di-n-octyl phthalate	22.87	149	1585531	45.624	ng	#	91
86) Indeno(1,2,3-cd)pyrene	28.75	276	2125888	42.969	ng	#	90
88) Benzo(b)fluoranthene	23.97	252	1831865m	45.885	ng		
89) Benzo(k)fluoranthene	24.04	252	1754307	45.110	ng	#	97
90) Benzo(a)pyrene	24.86	252	1787399	46.681	ng	#	97
91) Dibenzo(a,h)anthracene	28.82	278	1746434	46.452	ng	#	97
92) Benzo(g,h,i)perylene	29.92	276	1780362	47.398	ng	#	95

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

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