Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091319\
Data File : BG042824.D
Acq On : 13 Sep 2019 19:49
Operator : HP/JU
Sample : K4846-08MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-23-COMPMSD

Manual Integrations APPROVED
mohammad
9/17/2019 9:20:38 AM

Quant Time: Sep 13 23:54:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	94623	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	363518	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	245895	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	558364	20.00	ng	0.00
76) Chrysene-d12	21.76	240	531367	20.00	ng	0.00
87) Perylene-d12	25.03	264	606878	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	554780	101.93	ng	0.00
7) Phenol-d6	7.27	99	828825	106.10	ng	0.00
23) Nitrobenzene-d5	9.28	82	500989	71.75	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	332200	101.55	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	1048618	67.50	ng	0.00
79) Terphenyl-d14	20.09	244	1662610	69.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	80515	32.415	ng	94
3) Pyridine	3.98	79	230590	30.833	ng	98
4) n-Nitrosodimethylamine	3.89	42	140040	38.482	ng	96
6) Aniline	7.44	93	322198	30.569	ng	99
8) 2-Chlorophenol	7.68	128	267668	45.497	ng	98
9) Benzaldehyde	7.25	77	191000	37.571	ng	100
10) Phenol	7.30	94	395145	49.322	ng	97
11) bis(2-Chloroethyl)ether	7.54	93	259781	42.251	ng	97
12) 1,3-Dichlorobenzene	8.01	146	282960	39.433	ng	98
13) 1,4-Dichlorobenzene	8.15	146	291559	40.584	ng	100
14) 1,2-Dichlorobenzene	8.48	146	267166	39.067	ng	97
15) Benzyl Alcohol	8.35	79	288578	43.045	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.65	45	521487	38.622	ng	97
17) 2-Methylphenol	8.55	107	240406	44.854	ng	99
18) Hexachloroethane	9.21	117	105399	39.739	ng	95
19) n-Nitroso-di-n-propylamine	8.92	70	232542	40.397	ng	96
20) 3+4-Methylphenols	8.88	107	331582	44.879	ng	99
22) Acetophenone	8.93	105	403135	43.911	ng	96
24) Nitrobenzene	9.32	77	340776	46.497	ng	98
25) Isophorone	9.85	82	628065	43.154	ng	98
26) 2-Nitrophenol	10.03	139	151233	52.476	ng	92
27) 2,4-Dimethylphenol	10.09	122	262618	51.514	ng	99
28) bis(2-Chloroethoxy)methane	10.33	93	347445	42.808	ng	98
29) 2,4-Dichlorophenol	10.57	162	278221	46.964	ng	95
30) 1,2,4-Trichlorobenzene	10.79	180	310590	42.942	ng	100
31) Naphthalene	10.98	128	791052	44.074	ng	99
32) Benzoic acid	10.22	122	192776	46.908	ng	95
33) 4-Chloroaniline	11.07	127	196475	23.421	ng	97
34) Hexachlorobutadiene	11.27	225	205891	40.629	ng	99
35) Caprolactam	11.84	113	101632m	46.134	ng	
36) 4-Chloro-3-methylphenol	12.18	107	305920	47.560	ng	94
37) 2-Methylnaphthalene	12.57	142	597847	44.467	ng	97
38) 1-Methylnaphthalene	12.79	142	559734	44.388	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	363289	44.710	ng	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	462388	99.334 ng		100
43) 2,4,6-Trichlorophenol	13.17	196	251442	46.481 ng		97
44) 2,4,5-Trichlorophenol	13.24	196	269954	48.720 ng		97
46) 1,1'-Biphenyl	13.58	154	781982	45.427 ng		97
47) 2-Chloronaphthalene	13.62	162	613495	43.082 ng		98
48) 2-Nitroaniline	13.81	65	229794	46.519 ng		96
49) Acenaphthylene	14.46	152	981245	45.092 ng		98
50) Dimethylphthalate	14.19	163	862935	46.846 ng		99
51) 2,6-Dinitrotoluene	14.30	165	178945	47.343 ng		95
52) Acenaphthene	14.80	154	684321	48.136 ng		99
53) 3-Nitroaniline	14.63	138	144208	33.995 ng		97
54) 2,4-Dinitrophenol	14.83	184	181224	97.395 ng	#	77
55) Dibenzofuran	15.13	168	941332	44.547 ng		98
56) 4-Nitrophenol	14.93	139	316902	96.619 ng		96
57) 2,4-Dinitrotoluene	15.09	165	248079	49.241 ng	#	96
58) Fluorene	15.78	166	773477	44.166 ng		100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	262374m	48.847 ng		
60) Diethylphthalate	15.55	149	780734	41.754 ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	443520	42.833 ng		95
62) 4-Nitroaniline	15.79	138	199628	43.658 ng		97
63) Azobenzene	16.07	77	796183	44.218 ng		99
65) 4,6-Dinitro-2-methylphenol	15.85	198	137164	57.411 ng		99
66) n-Nitrosodiphenylamine	15.99	169	698388	46.481 ng		98
67) 4-Bromophenyl-phenylether	16.67	248	295813	43.771 ng		95
68) Hexachlorobenzene	16.79	284	305136	42.254 ng		99
69) Atrazine	16.93	200	263919	50.441 ng		97
70) Pentachlorophenol	17.12	266	430066	100.390 ng		95
71) Phenanthrene	17.52	178	1207223	45.209 ng		99
72) Anthracene	17.61	178	1224834	45.912 ng		99
73) Carbazole	17.87	167	1158805	45.701 ng		96
74) Di-n-butylphthalate	18.44	149	1307522	43.047 ng		99
75) Fluoranthene	19.52	202	1569917	45.363 ng		98
77) Benzidine	19.69	184	805409	54.252 ng		98
78) Pyrene	19.89	202	1558020	46.834 ng		99
80) Butylbenzylphthalate	20.77	149	618306	45.924 ng		98
81) Benzo(a)anthracene	21.74	228	1514815	44.837 ng		97
82) 3,3'-Dichlorobenzidine	21.64	252	402742	30.675 ng		100
83) Chrysene	21.81	228	1448278	45.256 ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	844571	45.910 ng		98
85) Di-n-octyl phthalate	22.89	149	1447248	46.148 ng		100
86) Indeno(1,2,3-cd)pyrene	28.76	276	1819046	45.900 ng	#	93
88) Benzo(b)fluoranthene	23.99	252	1578858	44.307 ng		98
89) Benzo(k)fluoranthene	24.06	252	1533930	45.570 ng		98
90) Benzo(a)pyrene	24.87	252	1548049	46.395 ng		100
91) Dibenzo(a,h)anthracene	28.83	278	1494263	45.532 ng		99
92) Benzo(g,h,i)perylene	29.93	276	1490937	46.576 ng		98

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

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