Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101818\
Data File : BG037418.D
Acq On : 18 Oct 2018 14:03
Operator : JU/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ICVBG101818

Manual Integrations APPROVED
Sohil
10/19/2018 3:57:46 PM

Quant Time: Oct 18 14:51:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	61854	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	283527	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	184164	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	430319	20.00	ng		0.00
76) Chrysene-d12	21.78	240	383662	20.00	ng		0.00
87) Perylene-d12	25.11	264	398669	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	297548	80.42	ng		0.00
7) Phenol-d6	7.25	99	443880	79.34	ng		0.00
23) Nitrobenzene-d5	9.29	82	414400	81.88	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	168707	83.99	ng		0.00
45) 2-Fluorobiphenyl	13.37	172	975291	79.86	ng		0.00
79) Terphenyl-d14	20.09	244	1439564	80.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	72402	38.589	ng		99
3) Pyridine	3.94	79	189939	40.165	ng		95
4) n-Nitrosodimethylamine	3.86	42	67993	40.367	ng	#	88
6) Aniline	7.44	93	276036	40.446	ng		97
8) 2-Chlorophenol	7.66	128	172063	39.755	ng		100
9) Benzaldehyde	7.25	77	138348	39.533	ng		98
10) Phenol	7.28	94	236520	40.070	ng		99
11) bis(2-Chloroethyl)ether	7.53	93	176514	39.373	ng		96
12) 1,3-Dichlorobenzene	8.00	146	189820	39.395	ng		97
13) 1,4-Dichlorobenzene	8.15	146	190639	38.679	ng		100
14) 1,2-Dichlorobenzene	8.46	146	186042	39.240	ng		98
15) Benzyl Alcohol	8.35	79	170139	41.159	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	319331	39.809	ng		97
17) 2-Methylphenol	8.54	107	156840	40.191	ng		98
18) Hexachloroethane	9.20	117	67183	39.983	ng		92
19) n-Nitroso-di-n-propylamine	8.92	70	155627	40.397	ng		93
20) 3+4-Methylphenols	8.87	107	222263	39.836	ng		99
22) Acetophenone	8.94	105	284810	40.054	ng		97
24) Nitrobenzene	9.33	77	216454	41.167	ng		96
25) Isophorone	9.85	82	383594	41.480	ng		96
26) 2-Nitrophenol	10.04	139	105260	44.439	ng		95
27) 2,4-Dimethylphenol	10.08	122	170053	40.210	ng		98
28) bis(2-Chloroethoxy)methane	10.33	93	246044	40.608	ng		98
29) 2,4-Dichlorophenol	10.57	162	189521	40.248	ng		96
30) 1,2,4-Trichlorobenzene	10.79	180	205636	40.158	ng		97
31) Naphthalene	10.98	128	554316	39.804	ng		99
32) Benzoic acid	10.20	122	130330m	47.447	ng		
33) 4-Chloroaniline	11.10	127	261823	40.014	ng		96
34) Hexachlorobutadiene	11.25	225	123314	40.632	ng		97
35) Caprolactam	11.88	113	80530	42.642	ng		93
36) 4-Chloro-3-methylphenol	12.19	107	214727	40.435	ng		99
37) 2-Methylnaphthalene	12.58	142	406184	40.012	ng		99
38) 1-Methylnaphthalene	12.80	142	388904	39.448	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	243668	41.020	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	116777	41.155 ng		97
43) 2,4,6-Trichlorophenol	13.18	196	165497	41.702 ng		97
44) 2,4,5-Trichlorophenol	13.25	196	180177	41.699 ng		99
46) 1,1'-Biphenyl	13.58	154	610038	39.997 ng		100
47) 2-Chloronaphthalene	13.63	162	461412	39.988 ng		99
48) 2-Nitroaniline	13.83	65	147843	42.251 ng		92
49) Acenaphthylene	14.47	152	710740	40.947 ng		99
50) Dimethylphthalate	14.20	163	575837	40.417 ng		99
51) 2,6-Dinitrotoluene	14.32	165	131355	41.676 ng		98
52) Acenaphthene	14.81	154	430628	40.284 ng		98
53) 3-Nitroaniline	14.66	138	147936	42.281 ng		97
54) 2,4-Dinitrophenol	14.86	184	44684	45.428 ng		97
55) Dibenzofuran	15.14	168	700338	39.542 ng		98
56) 4-Nitrophenol	14.94	139	111737	43.143 ng		100
57) 2,4-Dinitrotoluene	15.10	165	181254	43.810 ng		97
58) Fluorene	15.79	166	524489	39.545 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	153825	41.579 ng		100
60) Diethylphthalate	15.55	149	593195	40.555 ng		98
61) 4-Chlorophenyl-phenylether	15.78	204	305380	39.503 ng		98
62) 4-Nitroaniline	15.82	138	147832	42.520 ng		92
63) Azobenzene	16.07	77	553604	39.668 ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	90372	41.435 ng		98
66) n-Nitrosodiphenylamine	16.00	169	523728	40.461 ng		99
67) 4-Bromophenyl-phenylether	16.67	248	192196	40.671 ng		98
68) Hexachlorobenzene	16.78	284	196296	40.079 ng		98
69) Atrazine	16.94	200	193196	41.282 ng		98
70) Pentachlorophenol	17.13	266	139883	42.639 ng		96
71) Phenanthrene	17.54	178	872546	39.897 ng		99
72) Anthracene	17.62	178	873861	40.716 ng		98
73) Carbazole	17.89	167	869554	40.503 ng		100
74) Di-n-butylphthalate	18.43	149	989242	41.422 ng		99
75) Fluoranthene	19.54	202	997732	40.223 ng		99
77) Benzidine	19.72	184	552376	42.342 ng		97
78) Pyrene	19.90	202	1018689	40.617 ng		99
80) Butylbenzylphthalate	20.77	149	438322	42.703 ng		98
81) Benzo(a)anthracene	21.75	228	921511	40.607 ng		99
82) 3,3'-Dichlorobenzidine	21.67	252	360756	41.013 ng		100
83) Chrysene	21.82	228	876885	40.185 ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	614882	42.736 ng		100
85) Di-n-octyl phthalate	22.89	149	1007235	42.931 ng		98
86) Indeno(1,2,3-cd)pyrene	28.95	276	959891	41.013 ng	#	96
88) Benzo(b)fluoranthene	24.05	252	879914	40.259 ng		100
89) Benzo(k)fluoranthene	24.12	252	884023	41.283 ng		97
90) Benzo(a)pyrene	24.96	252	849483	40.902 ng		98
91) Dibenzo(a,h)anthracene	29.02	278	779135	40.670 ng		98
92) Benzo(g,h,i)perylene	30.15	276	774557	39.963 ng		98

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

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