Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102518\
Data File : BG037556.D
Acq On : 25 Oct 2018 22:14
Operator : JU/SJ
Sample : J5603-19MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RAV-GT104MS

Manual Integrations APPROVED
Sohil
10/26/2018 3:46:45 PM

Quant Time: Oct 26 08:31:32 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	69797	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	319167	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	208635	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	471937	20.00	ng		0.00
76) Chrysene-d12	21.77	240	407382	20.00	ng		0.00
87) Perylene-d12	25.10	264	429614	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	257988	61.80	ng		0.00
7) Phenol-d6	7.24	99	249530	39.53	ng		0.00
23) Nitrobenzene-d5	9.28	82	440964	77.40	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	263292	115.70	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	998446	72.16	ng		0.00
79) Terphenyl-d14	20.08	244	1414178	74.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	28943	13.671	ng		98
3) Pyridine	3.94	79	66096	12.386	ng		97
4) n-Nitrosodimethylamine	3.85	42	39105	20.574	ng		87
6) Aniline	7.43	93	132336	17.184	ng		98
8) 2-Chlorophenol	7.67	128	185823	38.048	ng		99
9) Benzaldehyde	7.24	77	123011	31.150	ng		93
10) Phenol	7.27	94	116014	17.418	ng		96
11) bis(2-Chloroethyl)ether	7.52	93	211729	41.853	ng		97
12) 1,3-Dichlorobenzene	7.99	146	193283	35.549	ng		99
13) 1,4-Dichlorobenzene	8.14	146	197256	35.467	ng		98
14) 1,2-Dichlorobenzene	8.46	146	193645	36.195	ng		99
15) Benzyl Alcohol	8.34	79	135350	29.017	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	390043	43.090	ng		97
17) 2-Methylphenol	8.54	107	148930	33.821	ng		99
18) Hexachloroethane	9.19	117	67213	35.448	ng		95
19) n-Nitroso-di-n-propylamine	8.91	70	182637	42.013	ng		95
20) 3+4-Methylphenols	8.86	107	186548	29.630	ng		99
22) Acetophenone	8.94	105	338429	42.280	ng	#	98
24) Nitrobenzene	9.32	77	258522	43.678	ng		97
25) Isophorone	9.84	82	527813	50.701	ng		97
26) 2-Nitrophenol	10.03	139	123987	46.500	ng		96
27) 2,4-Dimethylphenol	10.08	122	219144	46.031	ng		97
28) bis(2-Chloroethoxy)methane	10.32	93	314213	46.068	ng		97
29) 2,4-Dichlorophenol	10.56	162	229565	43.309	ng		99
30) 1,2,4-Trichlorobenzene	10.78	180	219419	38.065	ng		97
31) Naphthalene	10.98	128	673511	42.963	ng		100
32) Benzoic acid	10.16	122	52290	16.910	ng		98
33) 4-Chloroaniline	11.09	127	89026	12.086	ng	#	92
34) Hexachlorobutadiene	11.24	225	121052	35.433	ng		96
35) Caprolactam	11.88	113	15193m	7.147	ng		
36) 4-Chloro-3-methylphenol	12.18	107	243529	40.738	ng		99
37) 2-Methylnaphthalene	12.57	142	534762	46.795	ng		100
38) 1-Methylnaphthalene	12.79	142	510661	46.014	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	270359	40.175	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	286068	88.991	ng		97
43) 2,4,6-Trichlorophenol	13.17	196	205328	45.670	ng		98
44) 2,4,5-Trichlorophenol	13.24	196	221269	45.203	ng		97
46) 1,1'-Biphenyl	13.57	154	695185	40.234	ng		97
47) 2-Chloronaphthalene	13.62	162	550315	42.099	ng		99
48) 2-Nitroaniline	13.83	65	186382	47.018	ng		96
49) Acenaphthylene	14.46	152	907804	46.166	ng		98
50) Dimethylphthalate	14.19	163	748417	46.369	ng		99
51) 2,6-Dinitrotoluene	14.32	165	166414	46.607	ng		95
52) Acenaphthene	14.80	154	544092	44.928	ng		99
53) 3-Nitroaniline	14.65	138	73063	18.432	ng	#	91
54) 2,4-Dinitrophenol	14.85	184	166048	93.997	ng		92
55) Dibenzofuran	15.13	168	849187	42.322	ng		97
56) 4-Nitrophenol	14.94	139	148449	50.596	ng		100
57) 2,4-Dinitrotoluene	15.10	165	231801	49.456	ng		97
58) Fluorene	15.79	166	693808	46.175	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	192571	45.947	ng		98
60) Diethylphthalate	15.55	149	736196	44.428	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	365690	41.756	ng		98
62) 4-Nitroaniline	15.82	138	162182	41.176	ng		93
63) Azobenzene	16.06	77	702068	44.406	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	122005	49.041	ng		95
66) n-Nitrosodiphenylamine	15.99	169	623642	43.931	ng		100
67) 4-Bromophenyl-phenylether	16.67	248	228905	44.168	ng		99
68) Hexachlorobenzene	16.78	284	227731	42.397	ng		100
69) Atrazine	16.93	200	231247	45.055	ng		99
70) Pentachlorophenol	17.13	266	278249	77.337	ng		93
71) Phenanthrene	17.53	178	1099853	45.855	ng		98
72) Anthracene	17.62	178	1116805	47.446	ng		97
73) Carbazole	17.89	167	1016879	43.188	ng		98
74) Di-n-butylphthalate	18.42	149	1204292	45.979	ng		99
75) Fluoranthene	19.53	202	1239910	45.578	ng		97
77) Benzidine	19.71	184	297871	21.504	ng		98
78) Pyrene	19.89	202	1240676	46.587	ng		99
80) Butylbenzylphthalate	20.76	149	552408	50.684	ng		99
81) Benzo(a)anthracene	21.75	228	1174230	48.731	ng		98
82) 3,3'-Dichlorobenzidine	21.66	252	223581	23.938	ng		97
83) Chrysene	21.82	228	1086929	46.910	ng		98
84) Bis(2-ethylhexyl)phthalate	21.63	149	772805	50.585	ng		97
85) Di-n-octyl phthalate	22.87	149	1309735	52.574	ng		99
86) Indeno(1,2,3-cd)pyrene	28.94	276	1279252	51.476	ng		98
88) Benzo(b)fluoranthene	24.04	252	1153702	48.983	ng		99
89) Benzo(k)fluoranthene	24.11	252	1124897	48.748	ng		97
90) Benzo(a)pyrene	24.95	252	1119731	50.031	ng		98
91) Dibenzo(a,h)anthracene	29.00	278	1029398	49.863	ng		97
92) Benzo(g,h,i)perylene	30.15	276	1047508	50.153	ng		100

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

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