Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090618\
Data File : BG036574.D
Acq On : 6 Sep 2018 18:09
Operator : JU/SJ
Sample : J4781-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BS-STONESMS

Manual Integrations APPROVED
Sohil
9/7/2018 11:44:43 AM

Quant Time: Sep 06 19:07:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	53847	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	225365	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	153422	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	410653	20.00	ng		0.00
75) Chrysene-d12	21.70	240	420509	20.00	ng		0.00
86) Perylene-d12	24.90	264	439490	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	354623	104.47	ng		0.00
7) Phenol-d6	7.21	99	460707	94.79	ng		0.00
23) Nitrobenzene-d5	9.22	82	337978	81.37	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	262574	143.43	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	770171	71.68	ng		0.00
78) Terphenyl-d14	20.03	244	1513246	84.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	58453	36.898	ng	#	88
3) Pyridine	3.94	79	167968	37.773	ng		99
4) n-Nitrosodimethylamine	3.85	42	92951	46.931	ng		96
6) Aniline	7.38	93	172722	27.998	ng		98
8) 2-Chlorophenol	7.62	128	186651	50.705	ng		98
9) Benzaldehyde	7.19	77	112269	33.545	ng		97
10) Phenol	7.24	94	221138	43.480	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	184637	45.791	ng		99
12) 1,3-Dichlorobenzene	7.95	146	191171	45.481	ng		99
13) 1,4-Dichlorobenzene	8.09	146	194474	45.825	ng		99
14) 1,2-Dichlorobenzene	8.41	146	187300	46.214	ng		99
15) Benzyl Alcohol	8.29	79	191507	48.880	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	356241	43.810	ng		99
17) 2-Methylphenol	8.49	107	170900	50.605	ng		97
18) Hexachloroethane	9.15	117	70369	46.248	ng		93
19) n-Nitroso-di-n-propylamine	8.86	70	163849	45.109	ng		97
20) 3+4-Methylphenols	8.82	107	235281	49.901	ng		97
22) Acetophenone	8.88	105	302310	51.083	ng	#	99
24) Nitrobenzene	9.26	77	240384	53.669	ng		96
25) Isophorone	9.79	82	454030	55.024	ng		98
26) 2-Nitrophenol	9.97	139	104241	58.731	ng		97
27) 2,4-Dimethylphenol	10.03	122	193863	58.996	ng		97
28) bis(2-Chloroethoxy)methane	10.27	93	265536	52.434	ng		98
29) 2,4-Dichlorophenol	10.51	162	214859	59.662	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	212159	50.359	ng		100
31) Naphthalene	10.91	128	616515	54.725	ng		99
32) Benzoic acid	10.16	122	101841	42.381	ng		99
33) 4-Chloroaniline	11.02	127	41340	8.008	ng		99
34) Hexachlorobutadiene	11.20	225	141533	50.001	ng		99
35) Caprolactam	11.80	113	61690m	43.001	ng		
36) 4-Chloro-3-methylphenol	12.14	107	243583	58.210	ng		97
37) 2-Methylnaphthalene	12.51	142	482128	58.488	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	282168	51.970	ng		99
40) Hexachlorocyclopentadiene	12.86	237	306846	108.621	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	192702	58.265	ng	97
43) 2,4,5-Trichlorophenol	13.19	196	208879	59.212	ng	97
45) 1,1'-Biphenyl	13.52	154	632682	49.680	ng	99
46) 2-Chloronaphthalene	13.56	162	492926	50.701	ng	100
47) 2-Nitroaniline	13.76	65	185622	60.800	ng	97
48) Acenaphthylene	14.40	152	847330	55.766	ng	99
49) Dimethylphthalate	14.14	163	692134	55.248	ng	98
50) 2,6-Dinitrotoluene	14.26	165	154017	59.746	ng	94
51) Acenaphthene	14.74	154	508940	52.300	ng	98
52) 3-Nitroaniline	14.58	138	89696	32.288	ng	100
53) 2,4-Dinitrophenol	14.79	184	111256	113.940	ng	96
54) Dibenzofuran	15.08	168	812266	53.279	ng	98
55) 4-Nitrophenol	14.89	139	221352	97.453	ng	97
56) 2,4-Dinitrotoluene	15.04	165	221988	66.073	ng	95
57) Fluorene	15.73	166	665828	58.422	ng	100
58) 2,3,4,6-Tetrachlorophenol	15.30	232	217237	65.544	ng	96
59) Diethylphthalate	15.50	149	699678	55.418	ng	99
60) 4-Chlorophenyl-phenylether	15.72	204	379854	53.976	ng	99
61) 4-Nitroaniline	15.75	138	170678	58.713	ng	97
62) Azobenzene	16.01	77	685077	53.330	ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	106963	59.295	ng	98
65) n-Nitrosodiphenylamine	15.94	169	622695	51.033	ng	99
66) 4-Bromophenyl-phenylether	16.61	248	262089	54.512	ng	98
67) Hexachlorobenzene	16.73	284	267188	54.348	ng	98
68) Atrazine	16.88	200	278193	60.741	ng	98
69) Pentachlorophenol	17.07	266	306156	91.629	ng	98
70) Phenanthrene	17.47	178	1169718	56.057	ng	97
71) Anthracene	17.56	178	1173062	56.397	ng	96
72) Carbazole	17.83	167	1048057	50.453	ng	99
73) Di-n-butylphthalate	18.39	149	1202970	52.005	ng	99
74) Fluoranthene	19.47	202	1405555	55.248	ng	98
76) Benzidine	19.65	184	178785	13.326	ng	99
77) Pyrene	19.83	202	1404195	54.302	ng	96
79) Butylbenzylphthalate	20.72	149	561333	54.546	ng	94
80) Benzo(a)anthracene	21.67	228	1411865	55.421	ng	97
81) 3,3'-Dichlorobenzidine	21.58	252	277498	27.332	ng	99
82) Chrysene	21.74	228	1314565	54.440	ng	97
83) Bis(2-ethylhexyl)phthalate	21.58	149	763942	53.048	ng	98
84) Di-n-octyl phthalate	22.79	149	1302091	54.132	ng	97
85) Indeno(1,2,3-cd)pyrene	28.55	276	1581226	56.379	ng	99
87) Benzo(b)fluoranthene	23.89	252	1461125	59.870	ng	96
88) Benzo(k)fluoranthene	23.96	252	1365490	57.271	ng	97
89) Benzo(a)pyrene	24.76	252	1399200	59.664	ng	99
90) Dibenzo(a,h)anthracene	28.62	278	1278052	56.451	ng	98
91) Benzo(g,h,i)perylene	29.70	276	1303264	57.283	ng	95

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

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