Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090618\
Data File : BG036575.D
Acq On : 6 Sep 2018 18:48
Operator : JU/SJ
Sample : J4781-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BS-STONESMSD

Manual Integrations APPROVED
Sohil
9/7/2018 11:44:46 AM

Quant Time: Sep 07 04:37:27 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	63231	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	262476	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	179090	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	461920	20.00	ng		0.00
75) Chrysene-d12	21.70	240	467674	20.00	ng		0.00
86) Perylene-d12	24.90	264	481108	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	402433	100.96	ng		0.00
7) Phenol-d6	7.21	99	513205	89.92	ng		0.00
23) Nitrobenzene-d5	9.22	82	385038	79.59	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	283556	132.69	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	856342	68.27	ng		0.00
78) Terphenyl-d14	20.03	244	1564871	78.21	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	60396	32.467	ng	#	85
3) Pyridine	3.94	79	169753	32.509	ng		98
4) n-Nitrosodimethylamine	3.85	42	91566	39.371	ng		83
6) Aniline	7.38	93	189216	26.120	ng		95
8) 2-Chlorophenol	7.62	128	194028	44.886	ng		98
9) Benzaldehyde	7.20	77	104841	26.677	ng		91
10) Phenol	7.24	94	225028	37.678	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	193591	40.886	ng		99
12) 1,3-Dichlorobenzene	7.95	146	194188	39.342	ng		98
13) 1,4-Dichlorobenzene	8.09	146	196022	39.335	ng		99
14) 1,2-Dichlorobenzene	8.41	146	191879	40.317	ng		94
15) Benzyl Alcohol	8.29	79	196156	42.636	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	354987	37.177	ng		99
17) 2-Methylphenol	8.49	107	175148	44.166	ng		99
18) Hexachloroethane	9.15	117	71037	39.759	ng		90
19) n-Nitroso-di-n-propylamine	8.86	70	167004	39.155	ng		92
20) 3+4-Methylphenols	8.82	107	236224	42.666	ng		99
22) Acetophenone	8.88	105	307774	44.654	ng	#	98
24) Nitrobenzene	9.26	77	246722	47.295	ng		95
25) Isophorone	9.79	82	464934	48.379	ng		97
26) 2-Nitrophenol	9.97	139	109035	52.746	ng		95
27) 2,4-Dimethylphenol	10.03	122	198067	51.753	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	267742	45.395	ng		98
29) 2,4-Dichlorophenol	10.51	162	216186	51.542	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	218828	44.598	ng		99
31) Naphthalene	10.91	128	630105	48.023	ng		99
32) Benzoic acid	10.16	122	107690	38.891	ng		95
33) 4-Chloroaniline	11.02	127	52826	8.786	ng		96
34) Hexachlorobutadiene	11.20	225	147978	44.887	ng		97
35) Caprolactam	11.79	113	58727m	35.148	ng		
36) 4-Chloro-3-methylphenol	12.13	107	240427	49.332	ng		99
37) 2-Methylnaphthalene	12.51	142	484874	50.505	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	278786	43.988	ng		98
40) Hexachlorocyclopentadiene	12.86	237	305191	92.551	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	187529	48.574	ng	98
43) 2,4,5-Trichlorophenol	13.19	196	209844	50.960	ng	99
45) 1,1'-Biphenyl	13.52	154	632311	42.534	ng	99
46) 2-Chloronaphthalene	13.56	162	490253	43.199	ng	99
47) 2-Nitroaniline	13.76	65	182217	51.131	ng	95
48) Acenaphthylene	14.40	152	836421	47.158	ng	100
49) Dimethylphthalate	14.13	163	679163	46.443	ng	99
50) 2,6-Dinitrotoluene	14.25	165	153197	50.910	ng	93
51) Acenaphthene	14.75	154	502839	44.267	ng	97
52) 3-Nitroaniline	14.58	138	97266	29.995	ng	99
53) 2,4-Dinitrophenol	14.79	184	106302	93.264	ng	96
54) Dibenzofuran	15.08	168	803846	45.170	ng	99
55) 4-Nitrophenol	14.89	139	213262	80.434	ng	97
56) 2,4-Dinitrotoluene	15.04	165	222144	56.643	ng	91
57) Fluorene	15.73	166	649236	48.801	ng	98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	218233	56.407	ng	93
59) Diethylphthalate	15.50	149	677653	45.981	ng	98
60) 4-Chlorophenyl-phenylether	15.72	204	372650	45.363	ng	98
61) 4-Nitroaniline	15.75	138	170252	50.173	ng	96
62) Azobenzene	16.01	77	660625	44.056	ng	97
64) 4,6-Dinitro-2-methylphenol	15.80	198	100193	49.377	ng	96
65) n-Nitrosodiphenylamine	15.94	169	608966	44.368	ng	99
66) 4-Bromophenyl-phenylether	16.61	248	252584	46.704	ng	98
67) Hexachlorobenzene	16.73	284	258529	46.750	ng	96
68) Atrazine	16.88	200	264159	51.276	ng	96
69) Pentachlorophenol	17.07	266	288201	76.682	ng	98
70) Phenanthrene	17.47	178	1119259	47.686	ng	98
71) Anthracene	17.56	178	1127843	48.205	ng	98
72) Carbazole	17.82	167	1002966	42.924	ng	100
73) Di-n-butylphthalate	18.38	149	1147336	44.095	ng	99
74) Fluoranthene	19.48	202	1367189	47.776	ng	99
76) Benzidine	19.65	184	122919	8.238	ng	96
77) Pyrene	19.83	202	1341372	46.642	ng	97
79) Butylbenzylphthalate	20.72	149	532114	46.492	ng	94
80) Benzo(a)anthracene	21.67	228	1340926	47.328	ng	97
81) 3,3'-Dichlorobenzidine	21.58	252	296398	26.249	ng	98
82) Chrysene	21.74	228	1252323	46.632	ng	97
83) Bis(2-ethylhexyl)phthalate	21.58	149	721433	45.044	ng	98
84) Di-n-octyl phthalate	22.79	149	1218675	45.555	ng	97
85) Indeno(1,2,3-cd)pyrene	28.55	276	1403263	44.988	ng	97
87) Benzo(b)fluoranthene	23.89	252	1377935	51.577	ng	96
88) Benzo(k)fluoranthene	23.96	252	1280207	49.050	ng	98
89) Benzo(a)pyrene	24.75	252	1292092	50.330	ng	99
90) Dibenzo(a,h)anthracene	28.62	278	1140593	46.022	ng	97
91) Benzo(g,h,i)perylene	29.70	276	1175760	47.208	ng	95

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

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