Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091118\
Data File : BG036657.D
Acq On : 11 Sep 2018 15:35
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
9/12/2018 9:13:30 AM

Quant Time: Sep 11 16:12:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	61164	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	275788	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	185088	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	412910	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	390176	20.00	ng		-0.02
86) Perylene-d12	24.89	264	403449	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	326318	84.63	ng		-0.01
7) Phenol-d6	7.21	99	472384	85.57	ng		-0.01
23) Nitrobenzene-d5	9.22	82	460916	90.68	ng		-0.02
41) 2,4,6-Tribromophenol	16.17	330	187462	84.88	ng		-0.01
44) 2-Fluorobiphenyl	13.30	172	1078132	83.17	ng		-0.02
78) Terphenyl-d14	20.03	244	1390971	83.33	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	69847	38.816	ng		95
3) Pyridine	3.93	79	207107	41.003	ng		96
4) n-Nitrosodimethylamine	3.84	42	86180	38.307	ng		94
6) Aniline	7.38	93	287353	41.008	ng		98
8) 2-Chlorophenol	7.61	128	174782	41.800	ng		98
9) Benzaldehyde	7.19	77	148533	39.071	ng		97
10) Phenol	7.24	94	243717	42.187	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	188993	41.264	ng		97
12) 1,3-Dichlorobenzene	7.94	146	198247	41.522	ng		96
13) 1,4-Dichlorobenzene	8.09	146	201093	41.716	ng		100
14) 1,2-Dichlorobenzene	8.41	146	190308	41.339	ng		98
15) Benzyl Alcohol	8.29	79	185362	41.651	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	352925	38.210	ng		96
17) 2-Methylphenol	8.49	107	163146	42.530	ng		97
18) Hexachloroethane	9.14	117	71471	41.353	ng		94
19) n-Nitroso-di-n-propylamine	8.86	70	166003	40.235	ng		93
20) 3+4-Methylphenols	8.82	107	231885	43.297	ng		99
22) Acetophenone	8.87	105	293144	40.478	ng	#	99
24) Nitrobenzene	9.26	77	235345	42.937	ng		96
25) Isophorone	9.78	82	403200	39.930	ng		95
26) 2-Nitrophenol	9.97	139	107215	49.362	ng		95
27) 2,4-Dimethylphenol	10.02	122	161771	40.229	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	251795	40.630	ng		99
29) 2,4-Dichlorophenol	10.50	162	197633	44.845	ng		94
30) 1,2,4-Trichlorobenzene	10.72	180	223798	43.409	ng		99
31) Naphthalene	10.91	128	570158	41.357	ng		98
32) Benzoic acid	10.14	122	87979	31.236	ng		98
33) 4-Chloroaniline	11.02	127	263651	41.734	ng		99
34) Hexachlorobutadiene	11.19	225	154592	44.629	ng		99
35) Caprolactam	11.79	113	66326	37.780	ng		98
36) 4-Chloro-3-methylphenol	12.13	107	218409	42.651	ng		99
37) 2-Methylnaphthalene	12.51	142	431889	42.814	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	282453	43.122	ng		99
40) Hexachlorocyclopentadiene	12.85	237	136088	39.932	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	173818	43.564	ng		95
43) 2,4,5-Trichlorophenol	13.18	196	182437	42.869	ng		98
45) 1,1'-Biphenyl	13.51	154	617416	40.186	ng		99
46) 2-Chloronaphthalene	13.56	162	482704	41.155	ng		99
47) 2-Nitroaniline	13.75	65	156991	42.625	ng		96
48) Acenaphthylene	14.40	152	736978	40.205	ng		99
49) Dimethylphthalate	14.13	163	612436	40.522	ng		98
50) 2,6-Dinitrotoluene	14.25	165	136432	43.870	ng		91
51) Acenaphthene	14.75	154	471035	40.124	ng		99
52) 3-Nitroaniline	14.58	138	137792	41.115	ng		98
53) 2,4-Dinitrophenol	14.78	184	40516	34.395	ng		98
54) Dibenzofuran	15.08	168	738442	40.150	ng		99
55) 4-Nitrophenol	14.88	139	86229m	31.468	ng		
56) 2,4-Dinitrotoluene	15.03	165	176729	43.603	ng		90
57) Fluorene	15.72	166	536938	39.052	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	164022	41.021	ng		96
59) Diethylphthalate	15.49	149	591190	38.814	ng		100
60) 4-Chlorophenyl-phenylether	15.72	204	353000	41.578	ng		98
61) 4-Nitroaniline	15.74	138	129518	36.932	ng		96
62) Azobenzene	16.01	77	570305	36.800	ng		97
64) 4,6-Dinitro-2-methylphenol	15.80	198	76520	42.187	ng		89
65) n-Nitrosodiphenylamine	15.93	169	517600	42.188	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	220932	45.701	ng		99
67) Hexachlorobenzene	16.73	284	224049	45.324	ng		98
68) Atrazine	16.87	200	155122	33.684	ng		98
69) Pentachlorophenol	17.07	266	131374	39.104	ng		97
70) Phenanthrene	17.47	178	852185	40.617	ng		98
71) Anthracene	17.56	178	838950	40.113	ng		100
72) Carbazole	17.82	167	789894	37.817	ng		98
73) Di-n-butylphthalate	18.38	149	861396	37.035	ng		100
74) Fluoranthene	19.46	202	971148	37.964	ng		99
76) Benzidine	19.65	184	415326	33.364	ng		99
77) Pyrene	19.83	202	983227	40.979	ng		99
79) Butylbenzylphthalate	20.72	149	396959	41.572	ng		91
80) Benzo(a)anthracene	21.67	228	966701	40.897	ng		100
81) 3,3'-Dichlorobenzidine	21.59	252	371460	39.431	ng		98
82) Chrysene	21.73	228	912693	40.736	ng		99
83) Bis(2-ethylhexyl)phthalate	21.57	149	538800	40.323	ng		98
84) Di-n-octyl phthalate	22.78	149	898356	40.251	ng		97
85) Indeno(1,2,3-cd)pyrene	28.54	276	934622	35.915	ng	#	95
87) Benzo(b)fluoranthene	23.88	252	930417	41.530	ng		97
88) Benzo(k)fluoranthene	23.95	252	911888	41.663	ng		98
89) Benzo(a)pyrene	24.74	252	901850	41.891	ng		99
90) Dibenzo(a,h)anthracene	28.61	278	710781	34.200	ng	#	97
91) Benzo(g,h,i)perylene	29.68	276	762038	36.486	ng		98

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

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