Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090518\
Data File : BG036562.D
Acq On : 5 Sep 2018 15:35
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Sep 05 16:46:29 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	74774	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	339596	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	233883	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	581679	20.00	ng		0.00
75) Chrysene-d12	21.70	240	568228	20.00	ng		0.00
86) Perylene-d12	24.90	264	599177	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	371631	78.84	ng		0.00
7) Phenol-d6	7.21	99	537954	79.71	ng		0.00
23) Nitrobenzene-d5	9.22	82	529644	84.62	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	248795	89.15	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	1236708	75.50	ng		0.00
78) Terphenyl-d14	20.03	244	1827476	75.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	77293	35.136	ng		97
3) Pyridine	3.93	79	234586	37.990	ng		97
4) n-Nitrosodimethylamine	3.84	42	94746	34.449	ng		89
6) Aniline	7.38	93	326791	38.147	ng		99
8) 2-Chlorophenol	7.62	128	196036	38.350	ng		96
9) Benzaldehyde	7.20	77	166687	35.866	ng		92
10) Phenol	7.24	94	279861	39.626	ng		99
11) bis(2-Chloroethyl)ether	7.48	93	208909	37.311	ng		97
12) 1,3-Dichlorobenzene	7.95	146	223952	38.368	ng		96
13) 1,4-Dichlorobenzene	8.09	146	226432	38.423	ng		98
14) 1,2-Dichlorobenzene	8.41	146	215582	38.305	ng		97
15) Benzyl Alcohol	8.29	79	213750	39.288	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.59	45	387868	34.350	ng		97
17) 2-Methylphenol	8.49	107	182555	38.927	ng		97
18) Hexachloroethane	9.15	117	79990	37.858	ng		93
19) n-Nitroso-di-n-propylamine	8.86	70	191148	37.897	ng		93
20) 3+4-Methylphenols	8.82	107	263275	40.211	ng		99
22) Acetophenone	8.88	105	327460	36.721	ng	#	97
24) Nitrobenzene	9.26	77	266987	39.558	ng		97
25) Isophorone	9.79	82	462838	37.224	ng		97
26) 2-Nitrophenol	9.97	139	122621	45.848	ng		97
27) 2,4-Dimethylphenol	10.03	122	185791	37.521	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	281189	36.848	ng		97
29) 2,4-Dichlorophenol	10.50	162	228812	42.164	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	248547	39.151	ng		99
31) Naphthalene	10.91	128	644096	37.941	ng		99
32) Benzoic acid	10.17	122	143680	39.965	ng		98
33) 4-Chloroaniline	11.02	127	309476	39.783	ng		99
34) Hexachlorobutadiene	11.20	225	171976	40.319	ng		97
35) Caprolactam	11.80	113	87836	40.631	ng		94
36) 4-Chloro-3-methylphenol	12.13	107	260093	41.248	ng		98
37) 2-Methylnaphthalene	12.51	142	491838	39.596	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	314785	38.032	ng		99
40) Hexachlorocyclopentadiene	12.86	237	150841	35.027	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	209226	41.498	ng		97
43) 2,4,5-Trichlorophenol	13.18	196	218937	40.712	ng		100
45) 1,1'-Biphenyl	13.52	154	706891	36.411	ng		99
46) 2-Chloronaphthalene	13.56	162	558082	37.655	ng		98
47) 2-Nitroaniline	13.76	65	196385	42.196	ng		96
48) Acenaphthylene	14.40	152	864735	37.333	ng		99
49) Dimethylphthalate	14.13	163	717519	37.571	ng		98
50) 2,6-Dinitrotoluene	14.25	165	162878	41.447	ng		97
51) Acenaphthene	14.75	154	562422	37.913	ng		99
52) 3-Nitroaniline	14.58	138	177840	41.994	ng		97
53) 2,4-Dinitrophenol	14.79	184	66332	44.562	ng		91
54) Dibenzofuran	15.08	168	873371	37.579	ng		99
55) 4-Nitrophenol	14.88	139	127392	36.791	ng		97
56) 2,4-Dinitrotoluene	15.04	165	231333	45.167	ng		89
57) Fluorene	15.73	166	651249	37.484	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	211092	41.779	ng		95
59) Diethylphthalate	15.50	149	716411	37.223	ng		99
60) 4-Chlorophenyl-phenylether	15.72	204	421040	39.246	ng		97
61) 4-Nitroaniline	15.75	138	179346	40.471	ng		96
62) Azobenzene	16.01	77	695165	35.499	ng		97
64) 4,6-Dinitro-2-methylphenol	15.80	198	120144	47.019	ng		94
65) n-Nitrosodiphenylamine	15.93	169	653199	37.793	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	274955	40.373	ng		100
67) Hexachlorobenzene	16.73	284	277052	39.785	ng		99
68) Atrazine	16.88	200	222643	34.319	ng		100
69) Pentachlorophenol	17.07	266	188598	39.849	ng		97
70) Phenanthrene	17.47	178	1088106	36.814	ng		98
71) Anthracene	17.56	178	1084202	36.799	ng		98
72) Carbazole	17.82	167	1045740	35.540	ng		99
73) Di-n-butylphthalate	18.38	149	1163193	35.500	ng		98
74) Fluoranthene	19.47	202	1286850	35.710	ng		98
76) Benzidine	19.65	184	590516	32.573	ng		99
77) Pyrene	19.83	202	1296841	37.113	ng		98
79) Butylbenzylphthalate	20.72	149	537853	38.677	ng		94
80) Benzo(a)anthracene	21.67	228	1270784	36.915	ng		97
81) 3,3'-Dichlorobenzidine	21.59	252	515076	37.544	ng		98
82) Chrysene	21.74	228	1208745	37.045	ng		97
83) Bis(2-ethylhexyl)phthalate	21.58	149	719806	36.990	ng		96
84) Di-n-octyl phthalate	22.79	149	1203054	37.013	ng		98
85) Indeno(1,2,3-cd)pyrene	28.56	276	1407375	37.135	ng	#	66
87) Benzo(b)fluoranthene	23.88	252	1239760	37.261	ng		97
88) Benzo(k)fluoranthene	23.95	252	1240422	38.160	ng		98
89) Benzo(a)pyrene	24.75	252	1207608	37.770	ng		99
90) Dibenzo(a,h)anthracene	28.63	278	1143209	37.038	ng		97
91) Benzo(g,h,i)perylene	29.70	276	1144557	36.900	ng		96

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

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