Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080918\
Data File : BG036256.D
Acq On : 10 Aug 2018 6:43
Operator : JU/SJ
Sample : J4393-03
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JTY-SB-01-1-62

Quant Time: Aug 10 08:10:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	2022	20.00	ng		-0.02
21) Naphthalene-d8	10.84	136	1534	20.00	ng		0.01
38) Acenaphthene-d10	14.64	164	1166	20.00	ng		-0.01
63) Phenanthrene-d10	17.39	188	3574	20.00	ng		0.00
75) Chrysene-d12	21.65	240	3993	20.00	ng		0.00
86) Perylene-d12	24.86	264	3200	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	237984	1954.05	ng		0.00
7) Phenol-d6	7.18	99	338126	1860.81	ng		-0.01
23) Nitrobenzene-d5	9.17	82	226657	6172.45	ng		-0.02
41) 2,4,6-Tribromophenol	16.13	330	165480	10767.39	ng		-0.02
44) 2-Fluorobiphenyl	13.25	172	494770	5684.94	ng		-0.02
78) Terphenyl-d14	19.99	244	877386	4843.53	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	536	8.647	ng	#	23
6) Aniline	7.33	93	526	2.233	ng	#	81
8) 2-Chlorophenol	7.57	128	907	7.322	ng	#	1
9) Benzaldehyde	7.17	77	306	2.745	ng	#	34
10) Phenol	7.20	94	4763	25.945	ng	#	1
11) bis(2-Chloroethyl)ether	7.43	93	795	5.530	ng	#	45
12) 1,3-Dichlorobenzene	7.90	146	869	5.810	ng	#	64
13) 1,4-Dichlorobenzene	8.04	146	837	5.507	ng	#	71
14) 1,2-Dichlorobenzene	8.37	146	853	5.842	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.54	45	846	7.019	ng		75
17) 2-Methylphenol	8.47	107	395	3.165	ng	#	59
18) Hexachloroethane	9.09	117	470	8.088	ng	#	66
19) n-Nitroso-di-n-propylamine	9.17	70	31522	206.007	ng	#	67
24) Nitrobenzene	9.21	77	985	26.672	ng	#	75
25) Isophorone	9.77	82	1102	16.166	ng	#	69
26) 2-Nitrophenol	9.99	139	55	4.193	ng	#	29
27) 2,4-Dimethylphenol	10.07	122	64	2.883	ng	#	62
29) 2,4-Dichlorophenol	10.58	162	81	3.196	ng	#	23
30) 1,2,4-Trichlorobenzene	10.70	180	522	16.797	ng	#	12
31) Naphthalene	10.89	128	2620	32.788	ng	#	68
32) Benzoic acid	10.15	122	61	4.081	ng	#	1
33) 4-Chloroaniline	11.07	127	309	8.872	ng	#	46
34) Hexachlorobutadiene	11.13	225	732	30.207	ng	#	57
36) 4-Chloro-3-methylphenol	12.16	107	72	2.120	ng	#	22
37) 2-Methylnaphthalene	12.48	142	1679	28.203	ng	#	74
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	1348	30.630	ng	#	83
42) 2,4,6-Trichlorophenol	13.13	196	315	12.239	ng	#	59
43) 2,4,5-Trichlorophenol	13.13	196	315	10.941	ng	#	63
45) 1,1'-Biphenyl	13.48	154	3481	38.507	ng		71
46) 2-Chloronaphthalene	13.52	162	1651	23.480	ng	#	76
47) 2-Nitroaniline	13.79	65	78	3.138	ng	#	60
48) Acenaphthylene	14.36	152	3544	30.088	ng	#	82
49) Dimethylphthalate	14.09	163	54318	531.702	ng	#	96
50) 2,6-Dinitrotoluene	14.24	165	346	16.632	ng	#	18

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) Acenaphthene	14.70	154	1813	24.709	ng	#	77
52) 3-Nitroaniline	14.93	138	53	2.493	ng	#	1
54) Dibenzofuran	15.06	168	3586	30.730	ng		90
55) 4-Nitrophenol	15.06	139	1292	85.324	ng	#	1
56) 2,4-Dinitrotoluene	15.02	165	286	9.583	ng	#	71
57) Fluorene	15.69	166	3047	31.154	ng		95
58) 2,3,4,6-Tetrachlorophenol	15.29	232	609	22.061	ng	#	64
59) Diethylphthalate	15.44	149	2879	27.407	ng	#	85
60) 4-Chlorophenyl-phenylether	15.68	204	1442	25.085	ng	#	83
61) 4-Nitroaniline	15.84	138	53	2.383	ng	#	12
62) Azobenzene	15.97	77	2628	25.363	ng	#	57
64) 4,6-Dinitro-2-methylphenol	15.43	198	60	3.016	ng	#	29
65) n-Nitrosodiphenylamine	15.90	169	1838	18.068	ng		89
66) 4-Bromophenyl-phenylether	16.57	248	958	23.104	ng	#	79
67) Hexachlorobenzene	16.70	284	952	22.295	ng	#	63
68) Atrazine	16.85	200	797	19.028	ng	#	58
69) Pentachlorophenol	17.13	266	53	2.038	ng	#	19
70) Phenanthrene	17.43	178	7095	39.784	ng		98
71) Anthracene	17.54	178	4862	27.380	ng		97
72) Carbazole	17.82	167	1809	10.727	ng	#	59
73) Di-n-butylphthalate	18.33	149	5361	26.901	ng	#	94
74) Fluoranthene	19.44	202	8160	33.969	ng		96
76) Benzidine	19.99	184	15496	147.613	ng	#	90
77) Pyrene	19.80	202	9006	35.670	ng		96
79) Butylbenzylphthalate	20.68	149	1929	21.365	ng	#	75
80) Benzo(a)anthracene	21.64	228	7141	28.698	ng	#	94
82) Chrysene	21.64	228	7141	30.969	ng		93
83) Bis(2-ethylhexyl)phthalate	21.52	149	4604	37.508	ng	#	92
84) Di-n-octyl phthalate	22.71	149	5540	26.955	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.50	276	1723	6.749	ng	#	85
87) Benzo(b)fluoranthene	23.83	252	5646	29.029	ng	#	75
88) Benzo(k)fluoranthene	23.90	252	5675	29.845	ng	#	88
89) Benzo(a)pyrene	24.71	252	5611	31.010	ng	#	82
90) Dibenzo(a,h)anthracene	28.57	278	2030	11.428	ng	#	88
91) Benzo(g,h,i)perylene	29.64	276	2799	16.102	ng		96

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

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