Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112918\
Data File : BG038247.D
Acq On : 30 Nov 2018 00:16
Operator : JU/SJ
Sample : J6073-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CHASIS-WASHMSD

Quant Time: Nov 30 01:12:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	36707	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	157811	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	95819	20.00	ng		0.00
64) Phenanthrene-d10	17.47	188	218837	20.00	ng		0.00
76) Chrysene-d12	21.75	240	201040	20.00	ng		0.00
87) Perylene-d12	25.07	264	213416	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	255042	119.96	ng		0.00
7) Phenol-d6	7.24	99	326724	107.66	ng		0.00
23) Nitrobenzene-d5	9.26	82	237539	80.57	ng		0.00
42) 2,4,6-Tribromophenol	16.21	330	118501	108.44	ng		0.00
45) 2-Fluorobiphenyl	13.34	172	488770	74.31	ng		0.00
79) Terphenyl-d14	20.06	244	793774	92.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	34604	34.459	ng	#	43
3) Pyridine	3.94	79	86593	30.229	ng		94
4) n-Nitrosodimethylamine	3.85	42	59800	57.541	ng		90
6) Aniline	7.41	93	46141	11.780	ng		98
8) 2-Chlorophenol	7.64	128	124415	50.434	ng		99
9) Benzaldehyde	7.23	77	59773	27.236	ng		96
10) Phenol	7.27	94	148794	46.289	ng		94
11) bis(2-Chloroethyl)ether	7.50	93	118140	45.018	ng		99
12) 1,3-Dichlorobenzene	7.97	146	121274	42.674	ng		97
13) 1,4-Dichlorobenzene	8.12	146	124211	43.267	ng		98
14) 1,2-Dichlorobenzene	8.44	146	117984	43.047	ng		98
15) Benzyl Alcohol	8.33	79	184204	83.884	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.60	45	253757	52.074	ng		96
17) 2-Methylphenol	8.52	107	110054	50.640	ng		98
18) Hexachloroethane	9.16	117	47133	45.113	ng		98
19) n-Nitroso-di-n-propylamine	8.89	70	99512	45.317	ng		94
20) 3+4-Methylphenols	8.85	107	150447	48.834	ng		97
22) Acetophenone	8.91	105	185159	47.157	ng		96
24) Nitrobenzene	9.31	77	150627	49.947	ng		96
25) Isophorone	9.82	82	281195	52.993	ng		98
26) 2-Nitrophenol	10.02	139	71388	47.417	ng		94
27) 2,4-Dimethylphenol	10.06	122	125970	55.533	ng		96
28) bis(2-Chloroethoxy)methane	10.30	93	164634	48.521	ng		97
29) 2,4-Dichlorophenol	10.54	162	129843	50.889	ng		98
30) 1,2,4-Trichlorobenzene	10.76	180	128598	44.977	ng		97
31) Naphthalene	10.96	128	384978	49.598	ng		99
32) Benzoic acid	10.17	122	21638	23.341	ng		97
33) 4-Chloroaniline	11.07	127	15323	4.244	ng		96
34) Hexachlorobutadiene	11.21	225	80035	45.483	ng		98
35) Caprolactam	11.86	113	34988	34.259	ng	#	83
36) 4-Chloro-3-methylphenol	12.17	107	140374	50.358	ng		95
37) 2-Methylnaphthalene	12.55	142	278753	49.997	ng		96
38) 1-Methylnaphthalene	12.77	142	267681	49.878	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	149610	46.726	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	129821	75.719	ng		99
43) 2,4,6-Trichlorophenol	13.15	196	106875	48.984	ng		99
44) 2,4,5-Trichlorophenol	13.22	196	114633	49.934	ng		96
46) 1,1'-Biphenyl	13.55	154	359199	44.622	ng		98
47) 2-Chloronaphthalene	13.60	162	285169	46.424	ng		98
48) 2-Nitroaniline	13.81	65	104367	53.984	ng		99
49) Acenaphthylene	14.45	152	466930	50.548	ng		99
50) Dimethylphthalate	14.17	163	389925	51.331	ng		99
51) 2,6-Dinitrotoluene	14.30	165	84293	49.029	ng		94
52) Acenaphthene	14.78	154	270114	48.572	ng		100
53) 3-Nitroaniline	14.63	138	31116	16.402	ng	#	93
54) 2,4-Dinitrophenol	14.83	184	5997	14.997	ng		88
55) Dibenzofuran	15.12	168	441675	48.032	ng		97
56) 4-Nitrophenol	14.93	139	89841	61.402	ng		90
57) 2,4-Dinitrotoluene	15.09	165	117006	50.020	ng		96
58) Fluorene	15.76	166	349133	50.887	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.34	232	78649	40.942	ng		95
60) Diethylphthalate	15.52	149	377042	46.731	ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	184092	45.856	ng		98
62) 4-Nitroaniline	15.80	138	80712	42.827	ng		91
63) Azobenzene	16.04	77	357238	49.520	ng		96
65) 4,6-Dinitro-2-methylphenol	15.84	198	8696	6.283	ng		95
66) n-Nitrosodiphenylamine	15.97	169	320344	48.387	ng		100
67) 4-Bromophenyl-phenylether	16.65	248	115586	48.122	ng		98
68) Hexachlorobenzene	16.76	284	117252	47.293	ng		97
69) Atrazine	16.91	200	118570	48.584	ng		98
70) Pentachlorophenol	17.11	266	27899	16.569	ng		92
71) Phenanthrene	17.51	178	568068	50.702	ng		100
72) Anthracene	17.60	178	579288	52.451	ng		99
73) Carbazole	17.87	167	528222	47.670	ng		99
74) Di-n-butylphthalate	18.41	149	645915	51.928	ng		98
75) Fluoranthene	19.52	202	670129	52.423	ng		99
78) Pyrene	19.88	202	678065	51.587	ng		98
80) Butylbenzylphthalate	20.74	149	300179	52.222	ng		98
81) Benzo(a)anthracene	21.73	228	639897	52.671	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	84404	17.835	ng		97
83) Chrysene	21.80	228	601781	51.771	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	419837	51.216	ng		98
85) Di-n-octyl phthalate	22.84	149	721092	54.374	ng		98
86) Indeno(1,2,3-cd)pyrene	28.88	276	647810	50.179	ng		98
88) Benzo(b)fluoranthene	24.01	252	615954	52.447	ng		99
89) Benzo(k)fluoranthene	24.08	252	623340	53.788	ng		99
90) Benzo(a)pyrene	24.92	252	604944	53.898	ng		98
91) Dibenzo(a,h)anthracene	28.94	278	541933	50.182	ng		100
92) Benzo(g,h,i)perylene	30.08	276	517967	48.237	ng		98

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

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