Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG012918\
Data File : BG032428.D
Acq On : 29 Jan 2018 23:42
Operator : SJ/JU
Sample : J1305-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : INTERIOR-ZIPPER-DRAINMS

Quant Time: Jan 30 03:30:06 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.72	152	29786	20.00	ng		0.00
21) Naphthalene-d8	11.60	136	121626	20.00	ng		0.00
38) Acenaphthene-d10	15.36	164	88343	20.00	ng		0.00
63) Phenanthrene-d10	18.09	188	229480	20.00	ng		0.00
75) Chrysene-d12	22.42	240	275585	20.00	ng		0.00
86) Perylene-d12	26.11	264	310981	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.16	112	237581	160.21	ng		0.00
7) Phenol-d6	7.84	99	274277	138.60	ng		0.01
23) Nitrobenzene-d5	9.92	82	198561	101.97	ng		0.00
41) 2,4,6-Tribromophenol	16.84	330	261628	155.58	ng		0.00
44) 2-Fluorobiphenyl	13.99	172	714969	96.19	ng		0.00
78) Terphenyl-d14	20.63	244	1344685	104.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	19502	39.086	ng	#	71
3) Pyridine	4.28	79	45611	33.855	ng		86
4) n-Nitrosodimethylamine	4.17	42	37250	53.114	ng	#	70
6) Aniline	8.02	93	38580	15.637	ng		94
8) 2-Chlorophenol	8.27	128	95179	54.297	ng	#	83
9) Benzaldehyde	7.82	77	37382	36.574	ng		85
10) Phenol	7.87	94	93950	49.994	ng		91
11) bis(2-Chloroethyl)ether	8.11	93	68854	48.087	ng	#	81
12) 1,3-Dichlorobenzene	8.60	146	108852	45.917	ng		93
13) 1,4-Dichlorobenzene	8.76	146	112029	47.149	ng		92
14) 1,2-Dichlorobenzene	9.09	146	106077	45.574	ng		99
15) Benzyl Alcohol	8.96	79	198263	121.565	ng		96
16) 2,2'-oxybis(1-Chloropropan	9.24	45	63866	47.070	ng		75
17) 2-Methylphenol	9.16	107	75926	49.746	ng		97
18) Hexachloroethane	9.84	117	36103	45.256	ng	#	78
19) n-Nitroso-di-n-propylamine	9.54	70	59903	45.655	ng	#	84
20) 3+4-Methylphenols	9.50	107	104239	48.689	ng		91
22) Acetophenone	9.57	105	138762	48.670	ng	#	91
24) Nitrobenzene	9.97	77	95369	50.649	ng	#	87
25) Isophorone	10.49	82	172057	51.893	ng	#	86
26) 2-Nitrophenol	10.69	139	60415	53.078	ng	#	82
27) 2,4-Dimethylphenol	10.73	122	98136	60.069	ng		97
28) bis(2-Chloroethoxy)methane	10.97	93	100227	55.125	ng	#	97
29) 2,4-Dichlorophenol	11.24	162	125186	57.843	ng		88
30) 1,2,4-Trichlorobenzene	11.46	180	135808	47.082	ng		92
31) Naphthalene	11.65	128	319749	53.827	ng		99
32) Benzoic acid	10.88	122	69581	55.713	ng		90
33) 4-Chloroaniline	11.75	127	11253	4.247	ng		93
34) Hexachlorobutadiene	11.92	225	104258	46.456	ng		98
35) Caprolactam	12.51	113	26178	42.135	ng	#	47
36) 4-Chloro-3-methylphenol	12.83	107	114926	55.983	ng		91
37) 2-Methylnaphthalene	13.22	142	249077	49.910	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.58	216	192709	46.627	ng		96
40) Hexachlorocyclopentadiene	13.55	237	247042	95.667	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.80	196	121397	54.001	ng		92
43) 2,4,5-Trichlorophenol	13.88	196	132874	50.703	ng	#	90
45) 1,1'-Biphenyl	14.20	154	356694	47.791	ng		95
46) 2-Chloronaphthalene	14.25	162	276821	47.321	ng		95
47) 2-Nitroaniline	14.44	65	64223	49.645	ng	#	75
48) Acenaphthylene	15.09	152	420574	47.557	ng		99
49) Dimethylphthalate	14.79	163	389995	47.878	ng	#	99
50) 2,6-Dinitrotoluene	14.92	165	84834	49.620	ng	#	75
51) Acenaphthene	15.43	154	314257	51.238	ng		99
52) 3-Nitroaniline	15.25	138	16099	10.781	ng	#	67
53) 2,4-Dinitrophenol	15.45	184	83271	78.129	ng	#	70
54) Dibenzofuran	15.75	168	446550	49.191	ng		98
55) 4-Nitrophenol	15.54	139	108189	96.772	ng	#	76
56) 2,4-Dinitrotoluene	15.70	165	123167	50.598	ng	#	72
57) Fluorene	16.40	166	359860	47.705	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.97	232	143178	55.394	ng	#	84
59) Diethylphthalate	16.14	149	372188	46.914	ng		96
60) 4-Chlorophenyl-phenylether	16.37	204	231092	48.582	ng		98
61) 4-Nitroaniline	16.41	138	51177	31.974	ng		85
62) Azobenzene	16.67	77	228890	48.278	ng		86
64) 4,6-Dinitro-2-methylphenol	16.45	198	63236	36.886	ng	#	70
65) n-Nitrosodiphenylamine	16.59	169	335761	49.027	ng		99
66) 4-Bromophenyl-phenylether	17.27	248	168249	49.489	ng		95
67) Hexachlorobenzene	17.39	284	179552	47.724	ng	#	90
68) Atrazine	17.51	200	153473	52.203	ng		96
69) Pentachlorophenol	17.73	266	230815	97.933	ng		98
70) Phenanthrene	18.13	178	620563	48.491	ng		99
71) Anthracene	18.23	178	630698	49.496	ng		98
72) Carbazole	18.49	167	536021	47.609	ng		99
73) Di-n-butylphthalate	18.99	149	617133	49.508	ng		99
74) Fluoranthene	20.10	202	807019	48.086	ng		95
76) Benzidine	20.26	184	142459	26.326	ng		99
77) Pyrene	20.46	202	803960	47.564	ng		98
79) Butylbenzylphthalate	21.31	149	280276	52.570	ng	#	78
80) Benzo(a)anthracene	22.41	228	861288	50.413	ng		99
81) 3,3'-Dichlorobenzidine	22.29	252	146859	22.186	ng	#	98
82) Chrysene	22.48	228	798092	48.371	ng		98
83) Bis(2-ethylhexyl)phthalate	22.24	149	385380	50.979	ng	#	96
84) Di-n-octyl phthalate	23.62	149	667760	55.691	ng	#	89
85) Indeno(1,2,3-cd)pyrene	30.38	276	1109681	53.165	ng	#	84
87) Benzo(b)fluoranthene	24.93	252	926814	49.324	ng	#	95
88) Benzo(k)fluoranthene	25.00	252	888585	47.738	ng	#	96
89) Benzo(a)pyrene	25.94	252	896498	50.045	ng	#	94
90) Dibenzo(a,h)anthracene	30.46	278	932874	50.906	ng	#	94
91) Benzo(g,h,i)perylene	31.73	276	928180	51.029	ng	#	90

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

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