Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG011218\
Data File : BG032017.D
Acq On : 13 Jan 2018 00:24
Operator : SJ/JU
Sample : J1106-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : CLEAN-SAND-13MSD

Quant Time: Jan 13 03:01:10 2018
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG011218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 12 17:27:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.77	152	57440	20.00	ng		0.00
21) Naphthalene-d8	11.65	136	234140	20.00	ng		0.00
38) Acenaphthene-d10	15.41	164	166534	20.00	ng		0.00
63) Phenanthrene-d10	18.14	188	415436	20.00	ng		0.00
75) Chrysene-d12	22.48	240	471852	20.00	ng		0.00
86) Perylene-d12	26.21	264	514769	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.20	112	350717	111.67	ng		0.00
7) Phenol-d6	7.88	99	451839	114.23	ng		0.00
23) Nitrobenzene-d5	9.97	82	251654	72.71	ng		0.00
41) 2,4,6-Tribromophenol	16.88	330	305142	110.73	ng		0.00
44) 2-Fluorobiphenyl	14.03	172	886392	66.00	ng		0.00
78) Terphenyl-d14	20.67	244	1552476	72.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.85	88	29946	24.819	ng	#	75
3) Pyridine	4.30	79	70756	21.970	ng	#	81
4) n-Nitrosodimethylamine	4.21	42	41243	36.451	ng	#	87
6) Aniline	8.06	93	118059	23.663	ng		95
8) 2-Chlorophenol	8.32	128	128836	36.660	ng		83
9) Benzaldehyde	7.87	77	21418	9.346	ng	#	79
10) Phenol	7.91	94	166547	42.744	ng		94
11) bis(2-Chloroethyl)ether	8.16	93	102998	32.995	ng	#	79
12) 1,3-Dichlorobenzene	8.66	146	139437	30.316	ng	#	94
13) 1,4-Dichlorobenzene	8.81	146	141271	30.504	ng		93
14) 1,2-Dichlorobenzene	9.14	146	138454	30.910	ng		96
15) Benzyl Alcohol	9.00	79	102946	35.827	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.30	45	106779	33.659	ng		79
17) 2-Methylphenol	9.20	107	107022	35.941	ng		97
18) Hexachloroethane	9.90	117	44576	31.319	ng	#	86
19) n-Nitroso-di-n-propylamine	9.59	70	84826	34.564	ng	#	81
20) 3+4-Methylphenols	9.54	107	144655	35.067	ng		96
22) Acetophenone	9.62	105	185680	34.912	ng	#	85
24) Nitrobenzene	10.01	77	119596	34.644	ng	#	81
25) Isophorone	10.54	82	239498	37.165	ng	#	86
26) 2-Nitrophenol	10.74	139	78366	38.312	ng	#	82
27) 2,4-Dimethylphenol	10.78	122	134276	41.367	ng		94
28) bis(2-Chloroethoxy)methane	11.02	93	148760	38.314	ng	#	96
29) 2,4-Dichlorophenol	11.28	162	159670	39.977	ng		88
30) 1,2,4-Trichlorobenzene	11.51	180	169637	32.887	ng		97
31) Naphthalene	11.71	128	397672	34.286	ng		98
32) Benzoic acid	10.87	122	44907	20.614	ng	#	74
33) 4-Chloroaniline	11.80	127	121896	24.508	ng	#	91
34) Hexachlorobutadiene	11.98	225	114679	30.953	ng		93
35) Caprolactam	12.54	113	47974	39.592	ng	#	47
36) 4-Chloro-3-methylphenol	12.87	107	146195	39.989	ng		86
37) 2-Methylnaphthalene	13.27	142	326279	35.432	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.62	216	235134	32.391	ng	#	96
40) Hexachlorocyclopentadiene	13.60	237	288123	70.469	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.85	196	151908	37.243	ng		96
43) 2,4,5-Trichlorophenol	13.92	196	161044	34.111	ng	#	89
45) 1,1'-Biphenyl	14.24	154	474006	33.202	ng		96
46) 2-Chloronaphthalene	14.30	162	357447	32.184	ng		96
47) 2-Nitroaniline	14.49	65	78469	36.906	ng	#	59
48) Acenaphthylene	15.14	152	541780	32.034	ng		99
49) Dimethylphthalate	14.83	163	556488	38.186	ng	#	99
50) 2,6-Dinitrotoluene	14.96	165	109930	36.342	ng	#	70
51) Acenaphthene	15.47	154	403406	36.072	ng		96
52) 3-Nitroaniline	15.30	138	77866	28.501	ng	#	67
53) 2,4-Dinitrophenol	15.49	184	112291	74.525	ng	#	71
54) Dibenzofuran	15.80	168	567271	34.003	ng		98
55) 4-Nitrophenol	15.57	139	158580	79.648	ng	#	73
56) 2,4-Dinitrotoluene	15.74	165	154153	37.853	ng	#	65
57) Fluorene	16.44	166	450421	32.920	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.01	232	168098	38.489	ng	#	85
59) Diethylphthalate	16.18	149	468988	33.196	ng		97
60) 4-Chlorophenyl-phenylether	16.42	204	280672	33.441	ng		90
61) 4-Nitroaniline	16.45	138	95633	36.491	ng		85
62) Azobenzene	16.71	77	298546	33.762	ng		84
64) 4,6-Dinitro-2-methylphenol	16.50	198	86422	34.078	ng	#	68
65) n-Nitrosodiphenylamine	16.63	169	427909	33.945	ng		98
66) 4-Bromophenyl-phenylether	17.31	248	199920	33.822	ng		93
67) Hexachlorobenzene	17.44	284	207329	31.704	ng	#	91
68) Atrazine	17.55	200	190226	35.882	ng		98
69) Pentachlorophenol	17.78	266	278628	66.658	ng		99
70) Phenanthrene	18.18	178	754203	32.607	ng		99
71) Anthracene	18.27	178	777607	33.707	ng		98
72) Carbazole	18.53	167	682180	34.088	ng		99
73) Di-n-butylphthalate	19.04	149	771489	32.624	ng		99
74) Fluoranthene	20.14	202	965365	33.335	ng		96
76) Benzidine	20.30	184	271809	23.036	ng		99
77) Pyrene	20.50	202	974498	32.853	ng		98
79) Butylbenzylphthalate	21.36	149	351015	33.028	ng	#	76
80) Benzo(a)anthracene	22.46	228	997902	34.006	ng		98
81) 3,3'-Dichlorobenzidine	22.35	252	298655	27.245	ng	#	94
82) Chrysene	22.54	228	926129	32.863	ng		98
83) Bis(2-ethylhexyl)phthalate	22.30	149	510454	32.754	ng	#	98
84) Di-n-octyl phthalate	23.69	149	862591	34.850	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.53	276	1182920	34.299	ng	#	89
87) Benzo(b)fluoranthene	25.01	252	1049601	33.733	ng	#	96
88) Benzo(k)fluoranthene	25.09	252	1019138	33.519	ng	#	97
89) Benzo(a)pyrene	26.03	252	1015599	34.505	ng	#	98
90) Dibenzo(a,h)anthracene	30.61	278	974894	34.371	ng	#	95
91) Benzo(g,h,i)perylene	31.88	276	1011932	34.906	ng	#	93

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

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