Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG120717\
Data File : BG031408.D
Acq On : 7 Dec 2017 21:03
Operator : SJ/JU
Sample : I6765-12MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-SB006BMSD

Quant Time: Dec 08 02:52:31 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 17:58:37 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	45684	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	221046	20.00	ng		0.00
38) Acenaphthene-d10	14.75	164	169016	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	459783	20.00	ng		0.00
75) Chrysene-d12	21.77	240	490699	20.00	ng		0.00
86) Perylene-d12	25.06	264	491419	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	293006	109.98	ng		0.00
7) Phenol-d6	7.29	99	412353	114.89	ng		0.00
23) Nitrobenzene-d5	9.29	82	243533	65.28	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	225222	82.37	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	736890	62.65	ng		0.00
78) Terphenyl-d14	20.08	244	1390544	62.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	26726	24.720	ng		87
3) Pyridine	3.94	79	76357	24.328	ng		94
4) n-Nitrosodimethylamine	3.86	42	45131	30.339	ng	#	87
6) Aniline	7.45	93	117604	24.897	ng		93
8) 2-Chlorophenol	7.69	128	107513	36.568	ng		88
9) Benzaldehyde	7.27	77	36004	14.335	ng		88
10) Phenol	7.32	94	159341	42.749	ng		95
11) bis(2-Chloroethyl)ether	7.54	93	98564	33.118	ng		91
12) 1,3-Dichlorobenzene	8.01	146	108976	31.592	ng		97
13) 1,4-Dichlorobenzene	8.16	146	109574	31.347	ng		94
14) 1,2-Dichlorobenzene	8.48	146	105242	31.369	ng		95
15) Benzyl Alcohol	8.36	79	94418	32.795	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.65	45	150934	45.914	ng		92
17) 2-Methylphenol	8.58	107	96857	37.316	ng		98
18) Hexachloroethane	9.21	117	38027	31.257	ng		91
19) n-Nitroso-di-n-propylamine	8.92	70	85434	31.306	ng	#	96
20) 3+4-Methylphenols	8.90	107	135193	36.629	ng		90
22) Acetophenone	8.95	105	160456	29.154	ng	#	91
24) Nitrobenzene	9.34	77	124465	32.663	ng	#	90
25) Isophorone	9.86	82	251993	34.637	ng	#	94
26) 2-Nitrophenol	10.05	139	66902	33.683	ng		93
27) 2,4-Dimethylphenol	10.11	122	114550	38.847	ng		93
28) bis(2-Chloroethoxy)methane	10.33	93	149936	32.722	ng		96
29) 2,4-Dichlorophenol	10.60	162	130126	36.749	ng		93
30) 1,2,4-Trichlorobenzene	10.80	180	128535	30.405	ng		98
31) Naphthalene	10.99	128	341758	31.451	ng		99
32) Benzoic acid	10.24	122	4025	7.107	ng	#	73
33) 4-Chloroaniline	11.11	127	113826	23.929	ng		94
34) Hexachlorobutadiene	11.27	225	82131	28.014	ng		96
35) Caprolactam	11.87	113	54253	37.507	ng	#	73
36) 4-Chloro-3-methylphenol	12.22	107	144457	37.484	ng	#	89
37) 2-Methylnaphthalene	12.59	142	279629	33.335	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	169218	25.226	ng		97
40) Hexachlorocyclopentadiene	12.92	237	113794	50.414	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	126702	33.040	ng		99
43) 2,4,5-Trichlorophenol	13.28	196	137582	32.791	ng	#	95
45) 1,1'-Biphenyl	13.58	154	376373	26.854	ng		96
46) 2-Chloronaphthalene	13.63	162	313256	30.978	ng		95
47) 2-Nitroaniline	13.83	65	99621	33.238	ng	#	79
48) Acenaphthylene	14.47	152	499825	30.200	ng		98
49) Dimethylphthalate	14.19	163	516942	35.374	ng		99
50) 2,6-Dinitrotoluene	14.32	165	105981	35.185	ng	#	77
51) Acenaphthene	14.81	154	306797	29.681	ng		99
52) 3-Nitroaniline	14.66	138	83981	26.258	ng	#	81
53) 2,4-Dinitrophenol	14.89	184	37200	26.668	ng	#	45
54) Dibenzofuran	15.14	168	528927	32.126	ng		99
55) 4-Nitrophenol	14.99	139	154292	67.723	ng	#	81
56) 2,4-Dinitrotoluene	15.12	165	152146	34.939	ng	#	77
57) Fluorene	15.79	166	425862	31.860	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.38	232	142531	35.643	ng	#	90
59) Diethylphthalate	15.55	149	485096	32.679	ng		96
60) 4-Chlorophenyl-phenylether	15.77	204	250860	31.075	ng		92
61) 4-Nitroaniline	15.82	138	116384	34.365	ng		91
62) Azobenzene	16.07	77	380526	33.612	ng		94
64) 4,6-Dinitro-2-methylphenol	15.88	198	72719	23.794	ng		78
65) n-Nitrosodiphenylamine	15.99	169	415418	29.816	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	166242	28.548	ng		98
67) Hexachlorobenzene	16.80	284	162673	26.290	ng		96
68) Atrazine	16.94	200	179493	31.224	ng		98
69) Pentachlorophenol	17.15	266	154990	45.314	ng		98
70) Phenanthrene	17.53	178	741155	30.960	ng		99
71) Anthracene	17.62	178	751101	31.312	ng		99
72) Carbazole	17.89	167	718551	31.970	ng		99
73) Di-n-butylphthalate	18.43	149	810341	29.364	ng		100
74) Fluoranthene	19.53	202	941731	31.069	ng		98
76) Benzidine	19.71	184	490080	31.092	ng		98
77) Pyrene	19.90	202	953681	32.752	ng		99
79) Butylbenzylphthalate	20.76	149	368268	31.720	ng		89
80) Benzo(a)anthracene	21.74	228	932970	30.609	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	237622	19.313	ng		96
82) Chrysene	21.81	228	885816	31.417	ng		98
83) Bis(2-ethylhexyl)phthalate	21.62	149	533024	31.806	ng		99
84) Di-n-octyl phthalate	22.85	149	896720	32.875	ng	#	95
85) Indeno(1,2,3-cd)pyrene	28.85	276	962099	28.068	ng		98
87) Benzo(b)fluoranthene	24.01	252	910742	30.638	ng		98
88) Benzo(k)fluoranthene	24.08	252	886485	30.087	ng		99
89) Benzo(a)pyrene	24.91	252	867744	30.728	ng		98
90) Dibenzo(a,h)anthracene	28.89	278	816668	28.294	ng		98
91) Benzo(g,h,i)perylene	30.03	276	791394	28.250	ng		99

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

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