Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG120717\
Data File : BG031407.D
Acq On : 7 Dec 2017 20:26
Operator : SJ/JU
Sample : I6765-12MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SOIL-SB006BMS

Manual Integrations APPROVED
Sohil
12/8/2017 11:13:40 AM

Quant Time: Dec 08 03:28:25 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	46986	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	222842	20.00	ng		0.00
38) Acenaphthene-d10	14.74	164	166300	20.00	ng		0.00
63) Phenanthrene-d10	17.49	188	453177	20.00	ng		0.00
75) Chrysene-d12	21.77	240	495180	20.00	ng		0.00
86) Perylene-d12	25.06	264	492513	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	319936	116.76	ng		0.00
7) Phenol-d6	7.29	99	440816	119.41	ng		0.00
23) Nitrobenzene-d5	9.29	82	265386	70.57	ng		0.00
41) 2,4,6-Tribromophenol	16.24	330	237741	88.37	ng		0.00
44) 2-Fluorobiphenyl	13.37	172	782487	67.61	ng		0.00
78) Terphenyl-d14	20.08	244	1495552	66.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	30426	27.363	ng		86
3) Pyridine	3.94	79	85428	26.463	ng		92
4) n-Nitrosodimethylamine	3.86	42	47513	31.055	ng	#	94
6) Aniline	7.45	93	127450	26.234	ng		93
8) 2-Chlorophenol	7.69	128	120185	39.746	ng		85
9) Benzaldehyde	7.27	77	40891	15.829	ng		90
10) Phenol	7.32	94	176068	45.927	ng		95
11) bis(2-Chloroethyl)ether	7.54	93	112755	36.836	ng		90
12) 1,3-Dichlorobenzene	8.01	146	122006	34.390	ng		97
13) 1,4-Dichlorobenzene	8.16	146	124212	34.550	ng		95
14) 1,2-Dichlorobenzene	8.48	146	118813	34.432	ng		97
15) Benzyl Alcohol	8.36	79	104247	35.206	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.65	45	169222	50.051	ng		91
17) 2-Methylphenol	8.58	107	107491	40.265	ng		97
18) Hexachloroethane	9.21	117	43049	34.405	ng		90
19) n-Nitroso-di-n-propylamine	8.92	70	93901	33.455	ng	#	97
20) 3+4-Methylphenols	8.90	107	150612	39.676	ng		96
22) Acetophenone	8.95	105	176441	31.800	ng	#	93
24) Nitrobenzene	9.33	77	137152	35.703	ng		91
25) Isophorone	9.86	82	280237	38.209	ng	#	94
26) 2-Nitrophenol	10.05	139	71882	35.898	ng		91
27) 2,4-Dimethylphenol	10.10	122	126721	42.628	ng		95
28) bis(2-Chloroethoxy)methane	10.33	93	165439	35.815	ng		96
29) 2,4-Dichlorophenol	10.60	162	143170	40.107	ng		91
30) 1,2,4-Trichlorobenzene	10.80	180	147565	34.625	ng		98
31) Naphthalene	10.99	128	379538	34.646	ng		98
32) Benzoic acid	10.23	122	15087m	11.036	ng		
33) 4-Chloroaniline	11.11	127	118023	24.611	ng		96
34) Hexachlorobutadiene	11.27	225	91722	31.033	ng		97
35) Caprolactam	11.87	113	58782m	40.311	ng		
36) 4-Chloro-3-methylphenol	12.22	107	158003	40.668	ng	#	86
37) 2-Methylnaphthalene	12.58	142	308353	36.463	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	188083	28.496	ng		96
40) Hexachlorocyclopentadiene	12.92	237	128724	56.364	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.19	196	136945	36.294	ng		97
43) 2,4,5-Trichlorophenol	13.28	196	150627	36.486	ng	#	95
45) 1,1'-Biphenyl	13.58	154	419340	30.409	ng		98
46) 2-Chloronaphthalene	13.63	162	343905	34.564	ng		96
47) 2-Nitroaniline	13.83	65	108904	36.929	ng	#	85
48) Acenaphthylene	14.47	152	543045	33.347	ng		99
49) Dimethylphthalate	14.19	163	546382	37.999	ng		100
50) 2,6-Dinitrotoluene	14.32	165	115368	38.927	ng	#	78
51) Acenaphthene	14.81	154	331696	32.614	ng		98
52) 3-Nitroaniline	14.66	138	84066	26.714	ng	#	85
53) 2,4-Dinitrophenol	14.88	184	54879	37.056	ng	#	51
54) Dibenzofuran	15.14	168	568376	35.086	ng		99
55) 4-Nitrophenol	14.99	139	163405	72.894	ng	#	84
56) 2,4-Dinitrotoluene	15.12	165	166619	38.888	ng	#	73
57) Fluorene	15.79	166	460421	35.008	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.37	232	149728	38.054	ng	#	91
59) Diethylphthalate	15.55	149	513742	35.174	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	273492	34.432	ng		92
61) 4-Nitroaniline	15.82	138	123558	37.079	ng		88
62) Azobenzene	16.07	77	408254	36.651	ng		95
64) 4,6-Dinitro-2-methylphenol	15.88	198	81812	27.160	ng		84
65) n-Nitrosodiphenylamine	15.99	169	442935	32.255	ng		99
66) 4-Bromophenyl-phenylether	16.67	248	178423	31.086	ng		98
67) Hexachlorobenzene	16.80	284	178388	29.250	ng		96
68) Atrazine	16.94	200	194834	34.387	ng		98
69) Pentachlorophenol	17.15	266	173728	51.533	ng		99
70) Phenanthrene	17.54	178	796796	33.769	ng		99
71) Anthracene	17.62	178	809855	34.254	ng		99
72) Carbazole	17.89	167	767638	34.651	ng		99
73) Di-n-butylphthalate	18.43	149	871549	32.042	ng		99
74) Fluoranthene	19.53	202	1027318	34.387	ng		98
76) Benzidine	19.71	184	489497	30.774	ng		99
77) Pyrene	19.90	202	1051152	35.773	ng		97
79) Butylbenzylphthalate	20.76	149	402800	34.381	ng		88
80) Benzo(a)anthracene	21.74	228	1030811	33.513	ng		99
81) 3,3'-Dichlorobenzidine	21.65	252	260145	20.952	ng		99
82) Chrysene	21.81	228	980608	34.464	ng		98
83) Bis(2-ethylhexyl)phthalate	21.62	149	580567	34.329	ng		99
84) Di-n-octyl phthalate	22.85	149	982000	35.676	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.85	276	1078934	31.192	ng	#	91
87) Benzo(b)fluoranthene	24.01	252	1004558	33.719	ng		99
88) Benzo(k)fluoranthene	24.08	252	980915	33.218	ng		98
89) Benzo(a)pyrene	24.90	252	967435	34.182	ng		98
90) Dibenzo(a,h)anthracene	28.89	278	914805	31.624	ng		98
91) Benzo(g,h,i)perylene	30.03	276	886078	31.560	ng		99

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

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