Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
Data File : BG029288.D
Acq On : 17 Oct 2017 2:05
Operator : SJ/JU
Sample : I5833-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WC-101117-SOILMSD

Manual Integrations APPROVED
Sohil
10/17/2017 5:04:13 PM

Quant Time: Oct 17 05:15:12 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	66985	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	313991	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	208081	20.00	ng		0.00
63) Phenanthrene-d10	17.53	188	484519	20.00	ng		0.00
75) Chrysene-d12	21.80	240	509600	20.00	ng		0.00
86) Perylene-d12	25.11	264	535698	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.73	112	559146	139.45	ng		0.00
7) Phenol-d6	7.32	99	695933	123.65	ng		0.00
23) Nitrobenzene-d5	9.34	82	493379	99.85	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	411410	153.14	ng		0.00
44) 2-Fluorobiphenyl	13.42	172	1287448	90.75	ng		0.00
78) Terphenyl-d14	20.12	244	1987355	88.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	51147	31.438	ng	#	78
3) Pyridine	4.00	79	119624	25.249	ng		92
4) n-Nitrosodimethylamine	3.90	42	77270	34.891	ng	#	90
6) Aniline	7.49	93	116138	16.664	ng		96
8) 2-Chlorophenol	7.74	128	180421	39.255	ng		89
9) Benzaldehyde	7.30	77	57921	20.460	ng		94
10) Phenol	7.35	94	207103	34.131	ng		91
11) bis(2-Chloroethyl)ether	7.58	93	170428	38.551	ng		92
12) 1,3-Dichlorobenzene	8.06	146	185164	35.884	ng		98
13) 1,4-Dichlorobenzene	8.21	146	189368	35.945	ng		95
14) 1,2-Dichlorobenzene	8.53	146	181474	35.713	ng		97
15) Benzyl Alcohol	8.41	79	169903	42.836	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.69	45	284249	37.860	ng		97
17) 2-Methylphenol	8.61	107	160611	39.846	ng		97
18) Hexachloroethane	9.26	117	65532	36.501	ng		100
19) n-Nitroso-di-n-propylamine	8.97	70	144899	37.863	ng	#	96
20) 3+4-Methylphenols	8.94	107	222238	39.129	ng		95
22) Acetophenone	8.99	105	278284	36.776	ng	#	95
24) Nitrobenzene	9.38	77	212648	38.277	ng	#	94
25) Isophorone	9.90	82	412917	40.031	ng	#	94
26) 2-Nitrophenol	10.09	139	108203	40.751	ng		90
27) 2,4-Dimethylphenol	10.14	122	190944	39.746	ng		89
28) bis(2-Chloroethoxy)methane	10.38	93	247572	39.141	ng		97
29) 2,4-Dichlorophenol	10.63	162	208527	40.705	ng		92
30) 1,2,4-Trichlorobenzene	10.85	180	209032	37.768	ng		98
31) Naphthalene	11.04	128	601213	38.419	ng		98
32) Benzoic acid	10.27	122	129459	32.184	ng	#	83
33) 4-Chloroaniline	11.14	127	35034	5.322	ng		93
34) Hexachlorobutadiene	11.33	225	122162	35.501	ng		97
35) Caprolactam	11.91	113	56170m	32.991	ng		
36) 4-Chloro-3-methylphenol	12.25	107	220741	39.177	ng	#	86
37) 2-Methylnaphthalene	12.63	142	468982	41.120	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	254077	33.444	ng		97
40) Hexachlorocyclopentadiene	12.98	237	256755	88.678	ng		89

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	178624	37.454	ng		98
43) 2,4,5-Trichlorophenol	13.31	196	201753	41.193	ng		96
45) 1,1'-Biphenyl	13.63	154	631443	35.305	ng		97
46) 2-Chloronaphthalene	13.68	162	482450	36.981	ng		97
47) 2-Nitroaniline	13.87	65	153325	42.789	ng	#	86
48) Acenaphthylene	14.52	152	788114	38.601	ng		99
49) Dimethylphthalate	14.24	163	639342	39.380	ng		100
50) 2,6-Dinitrotoluene	14.36	165	145215	42.668	ng	#	81
51) Acenaphthene	14.86	154	493978	37.185	ng		97
52) 3-Nitroaniline	14.69	138	83681	22.786	ng	#	81
53) 2,4-Dinitrophenol	14.89	184	163587	86.683	ng	#	52
54) Dibenzofuran	15.19	168	781025	41.184	ng		98
55) 4-Nitrophenol	14.99	139	235621	77.822	ng	#	80
56) 2,4-Dinitrotoluene	15.14	165	201924	43.828	ng	#	80
57) Fluorene	15.83	166	623653	39.809	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.41	232	188421	46.111	ng		96
59) Diethylphthalate	15.59	149	654832	40.472	ng		98
60) 4-Chlorophenyl-phenylether	15.82	204	336646	40.304	ng		97
61) 4-Nitroaniline	15.84	138	153336	40.662	ng		86
62) Azobenzene	16.11	77	589133	43.179	ng		98
64) 4,6-Dinitro-2-methylphenol	15.91	198	101926	38.139	ng		87
65) n-Nitrosodiphenylamine	16.03	169	565814	38.983	ng		98
66) 4-Bromophenyl-phenylether	16.71	248	222611	40.040	ng		97
67) Hexachlorobenzene	16.84	284	236599	37.569	ng		98
68) Atrazine	16.97	200	218260	42.145	ng		98
69) Pentachlorophenol	17.18	266	303361	83.854	ng		97
70) Phenanthrene	17.57	178	1014216	40.519	ng		98
71) Anthracene	17.66	178	1022477	40.681	ng		99
72) Carbazole	17.92	167	952356	39.445	ng		97
73) Di-n-butylphthalate	18.47	149	1123616	40.464	ng		99
74) Fluoranthene	19.57	202	1217430	41.584	ng		97
76) Benzidine	19.73	184	315748	20.521	ng		99
77) Pyrene	19.93	202	1236951	40.014	ng		96
79) Butylbenzylphthalate	20.80	149	533160	40.482	ng		91
80) Benzo(a)anthracene	21.78	228	1209314	40.419	ng		99
81) 3,3'-Dichlorobenzidine	21.68	252	251393	20.357	ng		97
82) Chrysene	21.85	228	1129096	39.405	ng		96
83) Bis(2-ethylhexyl)phthalate	21.67	149	743992	39.362	ng		100
84) Di-n-octyl phthalate	22.92	149	1285158	39.013	ng		98
85) Indeno(1,2,3-cd)pyrene	28.90	276	1437723	40.785	ng	#	93
87) Benzo(b)fluoranthene	24.06	252	1240481	40.447	ng		99
88) Benzo(k)fluoranthene	24.13	252	1226673	40.147	ng		98
89) Benzo(a)pyrene	24.96	252	1202230	40.776	ng		99
90) Dibenzo(a,h)anthracene	28.98	278	1180731	39.556	ng		98
91) Benzo(g,h,i)perylene	30.10	276	1108202	39.958	ng		98

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

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