Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG081716\
Data File : BG023747.D
Acq On : 17 Aug 2016 11:02
Operator : UM/SJ
Sample : H4449-03MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SOIL-CUTTINGSMS

Quant Time: Aug 17 16:18:46 2016
Quant Method : Z:\HPCHEM1\BNA G\Methods\8270-BG080116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 19:22:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	122903	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	553757	20.00	ng		-0.01
38) Acenaphthene-d10	14.78	164	378579	20.00	ng		0.00
63) Phenanthrene-d10	17.54	188	841002	20.00	ng		0.00
75) Chrysene-d12	21.87	240	802368	20.00	ng		0.00
86) Perylene-d12	25.27	264	793159	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	875043	119.85	ng		-0.01
7) Phenol-d6	7.26	99	1272632	111.91	ng		-0.01
23) Nitrobenzene-d5	9.28	82	967112	86.83	ng		-0.01
41) 2,4,6-Tribromophenol	16.28	330	628536	113.51	ng		0.00
44) 2-Fluorobiphenyl	13.39	172	1877398	83.64	ng		0.00
78) Terphenyl-d14	20.15	244	2459535	99.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	91144	29.30	ng	#	90
3) Pyridine	3.92	79	265532	25.97	ng		96
4) n-Nitrosodimethylamine	3.83	42	154283	40.71	ng		79
6) Aniline	7.42	93	320138	19.48	ng		96
8) 2-Chlorophenol	7.66	128	353608	42.16	ng		99
9) Benzaldehyde	7.23	77	46955	4.92	ng		96
10) Phenol	7.29	94	473545	38.92	ng		83
11) bis(2-Chloroethyl)ether	7.51	93	372414	38.38	ng		93
12) 1,3-Dichlorobenzene	7.99	146	362594	37.76	ng		93
13) 1,4-Dichlorobenzene	8.14	146	370845	37.72	ng		99
14) 1,2-Dichlorobenzene	8.46	146	358613	37.19	ng		94
15) Benzyl Alcohol	8.34	79	431788	50.11	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	530981	37.20	ng		89
17) 2-Methylphenol	8.56	107	340757	41.78	ng		91
18) Hexachloroethane	9.19	117	146842	39.68	ng		92
19) n-Nitroso-di-n-propylamine	8.91	70	375774	38.42	ng		100
20) 3+4-Methylphenols	8.89	107	477771	41.55	ng		88
22) Acetophenone	8.94	105	547992	36.14	ng	#	92
24) Nitrobenzene	9.33	77	545430	44.22	ng		91
25) Isophorone	9.85	82	993648	42.83	ng	#	95
26) 2-Nitrophenol	10.04	139	226764	43.56	ng	#	83
27) 2,4-Dimethylphenol	10.10	122	382025	43.10	ng		90
28) bis(2-Chloroethoxy)methane	10.33	93	558667	40.06	ng		98
29) 2,4-Dichlorophenol	10.59	162	411606	46.18	ng		99
30) 1,2,4-Trichlorobenzene	10.80	180	409141	42.56	ng		99
31) Naphthalene	10.99	128	1172486	41.58	ng		99
32) Benzoic acid	10.27	122	222800	30.08	ng		96
33) 4-Chloroaniline	11.11	127	96523	7.16	ng	#	90
34) Hexachlorobutadiene	11.26	225	270031	42.72	ng		97
35) Caprolactam	11.90	113	132797m	35.41	ng		
36) 4-Chloro-3-methylphenol	12.23	107	503270	42.98	ng		98
37) 2-Methylnaphthalene	12.82	142	852950	39.79	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.97	216	454249	33.09	ng		98
40) Hexachlorocyclopentadiene	12.93	237	227339	32.84	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.21	196	359342	43.94	ng		98
43) 2,4,5-Trichlorophenol	13.30	196	367891	43.70	ng		94
45) 1,1'-Biphenyl	13.60	154	1079705	37.31	ng		96
46) 2-Chloronaphthalene	13.66	162	945708	42.24	ng		97
47) 2-Nitroaniline	13.86	65	407834	43.87	ng		92
48) Acenaphthylene	14.50	152	1503508	42.48	ng		98
49) Dimethylphthalate	14.23	163	1249141	43.01	ng		98
50) 2,6-Dinitrotoluene	14.35	165	288555	41.95	ng		91
51) Acenaphthene	14.84	154	951082	42.42	ng		97
52) 3-Nitroaniline	14.69	138	175258	22.60	ng	#	84
53) 2,4-Dinitrophenol	14.91	184	236366	53.61	ng		90
54) Dibenzofuran	15.18	168	1489947	45.77	ng		99
55) 4-Nitrophenol	15.02	139	415242	68.16	ng	#	83
56) 2,4-Dinitrotoluene	15.15	165	419771	43.48	ng		98
57) Fluorene	15.83	166	1219350	42.93	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.41	232	353403	45.74	ng		92
59) Diethylphthalate	15.59	149	1288248	43.69	ng		97
60) 4-Chlorophenyl-phenylether	15.82	204	642989	42.77	ng		98
61) 4-Nitroaniline	15.86	138	290663	35.20	ng	#	68
62) Azobenzene	16.11	77	1417659	47.43	ng		93
64) 4,6-Dinitro-2-methylphenol	15.92	198	191380	33.47	ng		93
65) n-Nitrosodiphenylamine	16.03	169	1099137	44.56	ng		94
66) 4-Bromophenyl-phenylether	16.72	248	439417	44.83	ng		93
67) Hexachlorobenzene	16.85	284	455634	42.49	ng		96
68) Atrazine	16.99	200	434077	45.83	ng		97
69) Pentachlorophenol	17.20	266	448793	71.78	ng		100
70) Phenanthrene	17.59	178	1870306	43.83	ng		98
71) Anthracene	17.68	178	1895650	44.17	ng		99
72) Carbazole	17.96	167	1709631	45.36	ng		98
73) Di-n-butylphthalate	18.49	149	2022580	54.55	ng		98
74) Fluoranthene	19.60	202	2041563	52.26	ng		97
76) Benzidine	19.78	184	452256	20.28	ng		97
77) Pyrene	19.96	202	2032834	44.67	ng		100
79) Butylbenzylphthalate	20.83	149	938880	48.59	ng		99
80) Benzo(a)anthracene	21.84	228	1980419	44.71	ng		98
81) 3,3'-Dichlorobenzidine	21.76	252	499521	27.50	ng	#	97
82) Chrysene	21.92	228	1869352	44.36	ng		98
83) Bis(2-ethylhexyl)phthalate	21.72	149	1289284	48.73	ng		99
84) Di-n-octyl phthalate	22.99	149	2169068	48.03	ng		100
85) Indeno(1,2,3-cd)pyrene	29.19	276	2303384	43.74	ng	#	100
87) Benzo(b)fluoranthene	24.19	252	2038802	45.69	ng	#	97
88) Benzo(k)fluoranthene	24.26	252	1917332	44.73	ng	#	96
89) Benzo(a)pyrene	25.11	252	1939212	45.69	ng	#	98
90) Dibenzo(a,h)anthracene	29.26	278	1998289	46.09	ng	#	93
91) Benzo(g,h,i)perylene	30.42	276	1874250	42.93	ng	#	93

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

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