Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
Data File : BG033184.D
Acq On : 15 Mar 2018 19:46
Operator : SJ/JU
Sample : J1913-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OILY-SOIL-124029MSD

Manual Integrations APPROVED
Sohil
3/16/2018 12:07:31 PM

Quant Time: Mar 16 05:34:08 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 13:59:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.90	152	39113	20.00	ng		0.00
21) Naphthalene-d8	11.78	136	170606	20.00	ng		0.00
38) Acenaphthene-d10	15.52	164	103308	20.00	ng		0.00
63) Phenanthrene-d10	18.24	188	233073	20.00	ng		0.00
75) Chrysene-d12	22.60	240	226220	20.00	ng		0.00
86) Perylene-d12	26.40	264	255204	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.32	112	342875	140.25	ng		0.00
7) Phenol-d6	8.00	99	432227	126.84	ng		0.00
23) Nitrobenzene-d5	10.10	82	308650	120.82	ng		0.00
41) 2,4,6-Tribromophenol	16.99	330	233170	214.66	ng		0.00
44) 2-Fluorobiphenyl	14.14	172	706855	98.68	ng		0.00
78) Terphenyl-d14	20.76	244	1093844	108.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.96	88	38055	35.866	ng	#	87
3) Pyridine	4.43	79	81345	27.816	ng		92
4) n-Nitrosodimethylamine	4.32	42	65167	55.581	ng	#	79
6) Aniline	8.19	93	36888	7.997	ng		97
8) 2-Chlorophenol	8.45	128	137811	51.500	ng		96
9) Benzaldehyde	7.99	77	57116	29.082	ng		96
10) Phenol	8.03	94	152147	44.291	ng		95
11) bis(2-Chloroethyl)ether	8.28	93	121005	43.079	ng		97
12) 1,3-Dichlorobenzene	8.78	146	137235	43.786	ng		98
13) 1,4-Dichlorobenzene	8.93	146	140018	44.381	ng		98
14) 1,2-Dichlorobenzene	9.27	146	134103	44.357	ng		96
15) Benzyl Alcohol	9.13	79	125142	49.953	ng		96
16) 2,2'-oxybis(1-Chloropropan	9.42	45	218169	45.181	ng		99
17) 2-Methylphenol	9.33	107	114505	45.204	ng		97
18) Hexachloroethane	10.02	117	51807	48.229	ng		90
19) n-Nitroso-di-n-propylamine	9.71	70	108650	45.163	ng	#	92
20) 3+4-Methylphenols	9.67	107	166888	47.383	ng		97
22) Acetophenone	9.74	105	203403	47.208	ng	#	97
24) Nitrobenzene	10.14	77	155916	56.069	ng		94
25) Isophorone	10.67	82	305940	51.091	ng	#	94
26) 2-Nitrophenol	10.87	139	79507	70.838	ng		96
27) 2,4-Dimethylphenol	10.90	122	142527	54.790	ng		91
28) bis(2-Chloroethoxy)methane	11.14	93	173441	49.719	ng		96
29) 2,4-Dichlorophenol	11.41	162	141058	59.746	ng		92
30) 1,2,4-Trichlorobenzene	11.64	180	134184	48.485	ng		93
31) Naphthalene	11.83	128	433575	48.635	ng		99
32) Benzoic acid	10.97	122	19892m	19.192	ng		
33) 4-Chloroaniline	11.93	127	28412	7.128	ng	#	93
34) Hexachlorobutadiene	12.09	225	79405	51.151	ng		91
35) Caprolactam	12.68	113	39325	41.598	ng		91
36) 4-Chloro-3-methylphenol	12.99	107	166066	60.443	ng		96
37) 2-Methylnaphthalene	13.39	142	322576	50.014	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	152583	49.754	ng	#	98
40) Hexachlorocyclopentadiene	13.71	237	149853	95.880	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	112961	58.408	ng		95
43) 2,4,5-Trichlorophenol	14.04	196	126541	56.533	ng		98
45) 1,1'-Biphenyl	14.35	154	408312	45.230	ng		95
46) 2-Chloronaphthalene	14.41	162	314978	46.708	ng		95
47) 2-Nitroaniline	14.60	65	114951	63.577	ng		95
48) Acenaphthylene	15.25	152	511779	46.354	ng		99
49) Dimethylphthalate	14.94	163	419619	47.837	ng		100
50) 2,6-Dinitrotoluene	15.07	165	91251	60.097	ng		98
51) Acenaphthene	15.58	154	320804	46.656	ng		98
52) 3-Nitroaniline	15.41	138	28304	20.825	ng	#	87
53) 2,4-Dinitrophenol	15.61	184	13337	37.525	ng		86
54) Dibenzofuran	15.91	168	490562	50.106	ng		92
55) 4-Nitrophenol	15.69	139	141528	96.887	ng		94
56) 2,4-Dinitrotoluene	15.85	165	131514	68.984	ng		89
57) Fluorene	16.55	166	389514	48.203	ng		99
58) 2,3,4,6-Tetrachlorophenol	16.12	232	114415	65.837	ng		94
59) Diethylphthalate	16.28	149	439338	47.486	ng		99
60) 4-Chlorophenyl-phenylether	16.52	204	205935	52.096	ng		93
61) 4-Nitroaniline	16.56	138	73364	39.668	ng		94
62) Azobenzene	16.82	77	390679	47.201	ng		94
64) 4,6-Dinitro-2-methylphenol	16.60	198	21149	35.438	ng		93
65) n-Nitrosodiphenylamine	16.74	169	365339	48.184	ng		98
66) 4-Bromophenyl-phenylether	17.42	248	132268	53.669	ng	#	86
67) Hexachlorobenzene	17.54	284	143483	53.875	ng		96
68) Atrazine	17.66	200	130626	52.339	ng		97
69) Pentachlorophenol	17.89	266	131227	78.225	ng		97
70) Phenanthrene	18.29	178	640901	49.288	ng		100
71) Anthracene	18.38	178	650716	49.846	ng		98
72) Carbazole	18.64	167	601110	46.716	ng	#	98
73) Di-n-butylphthalate	19.13	149	733230	46.449	ng		99
74) Fluoranthene	20.24	202	733341	51.055	ng		98
76) Benzidine	20.40	184	54429	7.059	ng		96
77) Pyrene	20.60	202	741687	46.492	ng		98
79) Butylbenzylphthalate	21.46	149	343074	48.504	ng		93
80) Benzo(a)anthracene	22.58	228	724879	49.970	ng		99
81) 3,3'-Dichlorobenzidine	22.47	252	52544	9.780	ng		98
82) Chrysene	22.66	228	678039	48.930	ng		97
83) Bis(2-ethylhexyl)phthalate	22.40	149	472885	45.166	ng		96
84) Di-n-octyl phthalate	23.81	149	817644	51.235	ng		100
85) Indeno(1,2,3-cd)pyrene	30.84	276	882584	54.613	ng		97
87) Benzo(b)fluoranthene	25.18	252	746659	49.482	ng		100
88) Benzo(k)fluoranthene	25.26	252	726911	48.472	ng		99
89) Benzo(a)pyrene	26.23	252	723367	50.401	ng		98
90) Dibenzo(a,h)anthracene	30.91	278	741674	51.340	ng		96
91) Benzo(g,h,i)perylene	32.22	276	730453	51.293	ng		97

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

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