Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031518\
Data File : BG033183.D
Acq On : 15 Mar 2018 19:09
Operator : SJ/JU
Sample : J1913-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OILY-SOIL-124029MS

Quant Time: Mar 16 04:52:38 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	33069	20.00	ng		0.00
21) Naphthalene-d8	11.78	136	156884	20.00	ng		0.00
38) Acenaphthene-d10	15.52	164	98820	20.00	ng		0.00
63) Phenanthrene-d10	18.24	188	227456	20.00	ng		0.00
75) Chrysene-d12	22.60	240	224375	20.00	ng		0.00
86) Perylene-d12	26.40	264	250261	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.32	112	305544	147.82	ng		0.00
7) Phenol-d6	8.01	99	378999	131.55	ng		0.00
23) Nitrobenzene-d5	10.10	82	280886	119.67	ng		0.00
41) 2,4,6-Tribromophenol	16.99	330	225115	216.65	ng		0.00
44) 2-Fluorobiphenyl	14.14	172	665957	97.19	ng		0.00
78) Terphenyl-d14	20.76	244	1065231	106.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.96	88	32088	35.770	ng	#	89
3) Pyridine	4.43	79	69998	28.310	ng		91
4) n-Nitrosodimethylamine	4.32	42	58850	59.367	ng	#	76
6) Aniline	8.19	93	30230	7.751	ng		98
8) 2-Chlorophenol	8.45	128	123184	54.447	ng		98
9) Benzaldehyde	7.99	77	52837	31.820	ng		94
10) Phenol	8.03	94	137963	47.503	ng		99
11) bis(2-Chloroethyl)ether	8.28	93	107240	45.156	ng		98
12) 1,3-Dichlorobenzene	8.78	146	118418	44.687	ng		98
13) 1,4-Dichlorobenzene	8.93	146	118234	44.326	ng		99
14) 1,2-Dichlorobenzene	9.26	146	117753	46.068	ng		97
15) Benzyl Alcohol	9.13	79	114931	54.262	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.41	45	194949	47.751	ng		99
17) 2-Methylphenol	9.33	107	103948	48.536	ng		98
18) Hexachloroethane	10.02	117	44907	49.447	ng		89
19) n-Nitroso-di-n-propylamine	9.71	70	98940	48.643	ng	#	87
20) 3+4-Methylphenols	9.67	107	153103	51.414	ng		95
22) Acetophenone	9.74	105	183376	46.283	ng	#	99
24) Nitrobenzene	10.14	77	142419	55.738	ng		95
25) Isophorone	10.67	82	289552	52.583	ng	#	94
26) 2-Nitrophenol	10.87	139	71534	69.762	ng		98
27) 2,4-Dimethylphenol	10.90	122	141337	59.085	ng		95
28) bis(2-Chloroethoxy)methane	11.14	93	159681	49.778	ng		95
29) 2,4-Dichlorophenol	11.41	162	134865	62.119	ng		92
30) 1,2,4-Trichlorobenzene	11.64	180	118500	46.563	ng		98
31) Naphthalene	11.84	128	394313	48.100	ng		98
32) Benzoic acid	10.90	122	141337	75.971	ng	#	7
33) 4-Chloroaniline	11.93	127	29847	8.143	ng		98
34) Hexachlorobutadiene	12.09	225	70173	49.158	ng		96
35) Caprolactam	12.68	113	34655	39.865	ng		96
36) 4-Chloro-3-methylphenol	12.99	107	158656	62.797	ng		97
37) 2-Methylnaphthalene	13.39	142	299779	50.545	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.74	216	141977	48.398	ng	#	98
40) Hexachlorocyclopentadiene	13.71	237	147546	98.692	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.97	196	107576	58.150	ng		98
43) 2,4,5-Trichlorophenol	14.04	196	122284	57.112	ng		97
45) 1,1'-Biphenyl	14.36	154	385048	44.590	ng		97
46) 2-Chloronaphthalene	14.41	162	293342	45.475	ng		94
47) 2-Nitroaniline	14.60	65	110692	63.936	ng		94
48) Acenaphthylene	15.25	152	492912	46.673	ng		99
49) Dimethylphthalate	14.94	163	402324	47.949	ng		100
50) 2,6-Dinitrotoluene	15.08	165	90553	62.013	ng		92
51) Acenaphthene	15.58	154	301253	45.803	ng		98
52) 3-Nitroaniline	15.41	138	27495	21.031	ng	#	88
53) 2,4-Dinitrophenol	15.61	184	8075	26.356	ng	#	1
54) Dibenzofuran	15.91	168	468266	50.001	ng		93
55) 4-Nitrophenol	15.69	139	133878	95.891	ng		92
56) 2,4-Dinitrotoluene	15.85	165	126343	69.204	ng		91
57) Fluorene	16.55	166	377196	48.798	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.12	232	113003	67.977	ng		96
59) Diethylphthalate	16.28	149	428091	48.372	ng		99
60) 4-Chlorophenyl-phenylether	16.53	204	197676	52.277	ng		92
61) 4-Nitroaniline	16.56	138	72921	41.012	ng		95
62) Azobenzene	16.82	77	373999	47.238	ng		97
64) 4,6-Dinitro-2-methylphenol	16.61	198	15019	28.319	ng		93
65) n-Nitrosodiphenylamine	16.74	169	352522	47.642	ng		98
66) 4-Bromophenyl-phenylether	17.42	248	127429	52.983	ng	#	90
67) Hexachlorobenzene	17.55	284	138993	53.477	ng		98
68) Atrazine	17.66	200	125557	51.550	ng		97
69) Pentachlorophenol	17.89	266	143677	87.762	ng		100
70) Phenanthrene	18.29	178	614745	48.444	ng		99
71) Anthracene	18.38	178	624968	49.056	ng		98
72) Carbazole	18.64	167	583418	46.461	ng	#	97
73) Di-n-butylphthalate	19.13	149	708715	46.005	ng		99
74) Fluoranthene	20.24	202	714707	50.987	ng		97
76) Benzidine	20.40	184	51608	6.748	ng		97
77) Pyrene	20.60	202	724794	45.806	ng		99
79) Butylbenzylphthalate	21.46	149	331843	47.302	ng		93
80) Benzo(a)anthracene	22.59	228	706108	49.076	ng		100
81) 3,3'-Dichlorobenzidine	22.47	252	54576	10.242	ng		95
82) Chrysene	22.66	228	659601	47.991	ng		98
83) Bis(2-ethylhexyl)phthalate	22.40	149	459514	44.250	ng		96
84) Di-n-octyl phthalate	23.81	149	794162	50.173	ng		99
85) Indeno(1,2,3-cd)pyrene	30.83	276	863578	53.876	ng		97
87) Benzo(b)fluoranthene	25.18	252	725360	49.020	ng		100
88) Benzo(k)fluoranthene	25.26	252	713292	48.504	ng		97
89) Benzo(a)pyrene	26.23	252	704103	50.028	ng		98
90) Dibenzo(a,h)anthracene	30.91	278	726099	51.254	ng		98
91) Benzo(g,h,i)perylene	32.23	276	715222	51.215	ng		97

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

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