Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA G\DATA\BG020518\
Data File : BG032543.D
Acq On : 5 Feb 2018 20:55
Operator : SJ/JU
Sample : J1161-03
Misc : MDL 5PPM
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MDL-SOIL-03-QT1-2018

Quant Time: Feb 06 03:22:31 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 29 15:32:55 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	22387	20.00	ng		-0.02
21) Naphthalene-d8	11.59	136	98817	20.00	ng		-0.01
38) Acenaphthene-d10	15.34	164	64954	20.00	ng		-0.02
63) Phenanthrene-d10	18.08	188	170867	20.00	ng		-0.01
75) Chrysene-d12	22.41	240	220087	20.00	ng		-0.01
86) Perylene-d12	26.08	264	250020	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.15	112	149599	134.22	ng		0.00
7) Phenol-d6	7.83	99	181366	121.94	ng		0.00
23) Nitrobenzene-d5	9.90	82	118466	74.88	ng		-0.02
41) 2,4,6-Tribromophenol	16.82	330	168534	136.31	ng		-0.02
44) 2-Fluorobiphenyl	13.97	172	454079	83.09	ng		-0.02
78) Terphenyl-d14	20.61	244	915849	89.14	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.82	88	1262	3.365	ng	#	81
3) Pyridine	4.27	79	3026	2.988	ng	#	73
4) n-Nitrosodimethylamine	4.17	42	1574	2.986	ng	#	48
8) 2-Chlorophenol	8.25	128	4983	3.782	ng		89
9) Benzaldehyde	7.82	77	3709	4.828	ng	#	45
10) Phenol	7.86	94	5712	4.044	ng	#	63
11) bis(2-Chloroethyl)ether	8.10	93	3741	3.476	ng	#	66
12) 1,3-Dichlorobenzene	8.59	146	7010	3.934	ng	#	83
13) 1,4-Dichlorobenzene	8.74	146	6695	3.749	ng		90
14) 1,2-Dichlorobenzene	8.74	146	6695	3.827	ng		95
15) Benzyl Alcohol	8.94	79	3431	2.799	ng		95
16) 2,2'-oxybis(1-Chloropropan	9.23	45	3889	3.814	ng		74
17) 2-Methylphenol	9.16	107	4025	3.509	ng	#	75
18) Hexachloroethane	9.82	117	2499	4.168	ng		92
19) n-Nitroso-di-n-propylamine	9.51	70	2964	3.006	ng	#	90
20) 3+4-Methylphenols	9.48	107	5305	3.297	ng		90
22) Acetophenone	9.54	105	7219	3.116	ng	#	93
24) Nitrobenzene	9.94	77	5606	3.664	ng	#	83
25) Isophorone	10.46	82	10447	3.878	ng	#	88
26) 2-Nitrophenol	10.67	139	3549	3.838	ng	#	59
27) 2,4-Dimethylphenol	10.71	122	4715	3.552	ng	#	74
28) bis(2-Chloroethoxy)methane	10.95	93	5035	3.408	ng	#	94
29) 2,4-Dichlorophenol	11.22	162	6050	3.441	ng		79
30) 1,2,4-Trichlorobenzene	11.44	180	7828	3.340	ng		91
31) Naphthalene	11.64	128	18631	3.860	ng	#	93
32) Benzoic acid	10.83	122	191	7.447	ng	#	25
34) Hexachlorobutadiene	11.90	225	7063	3.874	ng	#	83
35) Caprolactam	12.45	113	1408	2.789	ng	#	33
36) 4-Chloro-3-methylphenol	12.82	107	6192	3.712	ng	#	92
37) 2-Methylnaphthalene	13.21	142	14635	3.609	ng		91
39) 1,2,4,5-Tetrachlorobenzene	13.56	216	10695	3.520	ng	#	95
40) Hexachlorocyclopentadiene	13.53	237	4706	2.479	ng		78
42) 2,4,6-Trichlorophenol	13.79	196	6094	3.687	ng	#	87
43) 2,4,5-Trichlorophenol	13.86	196	7219	3.747	ng	#	71

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
45) 1,1'-Biphenyl	14.18	154	21358	3.892 ng		94
46) 2-Chloronaphthalene	14.23	162	16247	3.777 ng		95
47) 2-Nitroaniline	14.42	65	3061	3.218 ng	#	78
48) Acenaphthylene	15.07	152	23946	3.683 ng		99
49) Dimethylphthalate	14.77	163	21382	3.570 ng	#	98
50) 2,6-Dinitrotoluene	14.90	165	4104	3.265 ng	#	69
51) Acenaphthene	15.40	154	15086	3.345 ng	#	82
52) 3-Nitroaniline	15.24	138	2572	2.343 ng	#	34
53) 2,4-Dinitrophenol	15.30	184	57	4.173 ng	#	1
54) Dibenzofuran	15.74	168	26235	3.931 ng		99
56) 2,4-Dinitrotoluene	15.68	165	5952	3.326 ng	#	66
57) Fluorene	16.38	166	21791	3.929 ng		95
58) 2,3,4,6-Tetrachlorophenol	15.96	232	7337	3.861 ng	#	86
59) Diethylphthalate	16.11	149	22507	3.859 ng		96
60) 4-Chlorophenyl-phenylether	16.35	204	13763	3.935 ng		89
62) Azobenzene	16.65	77	12815	3.676 ng	#	74
65) n-Nitrosodiphenylamine	16.57	169	16893	3.313 ng		95
66) 4-Bromophenyl-phenylether	17.25	248	9954	3.932 ng	#	82
67) Hexachlorobenzene	17.38	284	11421	4.077 ng	#	88
68) Atrazine	17.49	200	8791	4.016 ng		83
70) Phenanthrene	18.12	178	38018	3.990 ng		100
71) Anthracene	18.12	178	38018	4.007 ng		100
72) Carbazole	18.48	167	29869	3.563 ng		99
73) Di-n-butylphthalate	18.98	149	34380	3.704 ng		100
74) Fluoranthene	20.09	202	48736	3.900 ng		97
77) Pyrene	20.44	202	49054	3.634 ng		97
79) Butylbenzylphthalate	21.30	149	16838	3.955 ng	#	70
80) Benzo(a)anthracene	22.38	228	54326	3.982 ng		93
82) Chrysene	22.45	228	55361	4.201 ng		99
83) Bis(2-ethylhexyl)phthalate	22.22	149	22910	3.795 ng	#	97
84) Di-n-octyl phthalate	23.59	149	42049	4.391 ng	#	94
85) Indeno(1,2,3-cd)pyrene	30.31	276	71601	4.295 ng	#	78
87) Benzo(b)fluoranthene	24.89	252	56910	3.767 ng	#	96
88) Benzo(k)fluoranthene	24.97	252	61409	4.103 ng	#	91
89) Benzo(a)pyrene	25.89	252	56040	3.891 ng	#	90
90) Dibenzo(a,h)anthracene	30.39	278	60569	4.111 ng	#	94

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

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