Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060519\
Data File : BG041070.D
Acq On : 5 Jun 2019 13:40
Operator : HP/JU
Sample : K2241-01
Misc : LOD-SOIL-5PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2019

Manual Integrations APPROVED
mohammad
6/6/2019 3:42:13 PM

Quant Time: Jun 06 04:49:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	35007	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	134984	20.00	ng		-0.02
39) Acenaphthene-d10	14.74	164	93062	20.00	ng		-0.01
64) Phenanthrene-d10	17.49	188	237668	20.00	ng		-0.01
76) Chrysene-d12	21.77	240	271457	20.00	ng		-0.02
87) Perylene-d12	25.10	264	293826	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	301373	155.24	ng		-0.01
7) Phenol-d6	7.25	99	407461	135.90	ng		-0.01
23) Nitrobenzene-d5	9.29	82	277326	91.21	ng		-0.02
42) 2,4,6-Tribromophenol	16.23	330	216441	156.66	ng		-0.01
45) 2-Fluorobiphenyl	13.36	172	626103	96.89	ng		-0.02
79) Terphenyl-d14	20.09	244	1175148	91.88	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	6066	6.886	ng		92
3) Pyridine	3.93	79	12054	4.624	ng		94
4) n-Nitrosodimethylamine	3.85	42	6471	5.349	ng	#	88
6) Aniline	7.44	93	18081	4.518	ng		96
8) 2-Chlorophenol	7.66	128	11527	4.980	ng		97
9) Benzaldehyde	7.25	77	13000	7.268	ng	#	70
10) Phenol	7.28	94	14571	4.533	ng		83
11) bis(2-Chloroethyl)ether	7.52	93	10471	4.490	ng		93
12) 1,3-Dichlorobenzene	7.99	146	13369	4.836	ng		93
13) 1,4-Dichlorobenzene	8.15	146	13035	4.659	ng		93
14) 1,2-Dichlorobenzene	8.46	146	12872	4.738	ng		89
15) Benzyl Alcohol	8.35	79	11934	4.303	ng		89
16) 2,2'-oxybis(1-Chloropropan	8.63	45	17140	4.498	ng		93
17) 2-Methylphenol	8.54	107	10139	4.356	ng		91
18) Hexachloroethane	9.20	117	5139	4.765	ng	#	71
19) n-Nitroso-di-n-propylamine	8.91	70	10954	4.748	ng	#	85
20) 3+4-Methylphenols	8.87	107	13816	4.285	ng		96
22) Acetophenone	8.94	105	20102	5.309	ng	#	98
24) Nitrobenzene	9.33	77	15774	5.091	ng		98
25) Isophorone	9.84	82	27987	4.837	ng	#	95
26) 2-Nitrophenol	10.04	139	6379	4.994	ng	#	80
27) 2,4-Dimethylphenol	10.09	122	9804	4.647	ng		94
28) bis(2-Chloroethoxy)methane	10.33	93	14484	4.638	ng	#	91
29) 2,4-Dichlorophenol	10.57	162	12746	4.758	ng		91
30) 1,2,4-Trichlorobenzene	10.79	180	14811	4.860	ng		99
31) Naphthalene	10.98	128	36379	5.020	ng		97
32) Benzoic acid	10.19	122	1596m	8.938	ng		
33) 4-Chloroaniline	11.10	127	15898	4.728	ng	#	86
34) Hexachlorobutadiene	11.25	225	11146	4.780	ng		94
35) Caprolactam	11.85	113	4527	5.117	ng		94
36) 4-Chloro-3-methylphenol	12.19	107	13757	4.496	ng	#	88
37) 2-Methylnaphthalene	12.58	142	26429	4.735	ng		93
38) 1-Methylnaphthalene	12.80	142	26305m	5.001	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	20628	5.499	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	6902	11.306	ng		98
43) 2,4,6-Trichlorophenol	13.18	196	11867m	4.891	ng		
44) 2,4,5-Trichlorophenol	13.25	196	12881	5.033	ng		95
46) 1,1'-Biphenyl	13.58	154	36187	5.253	ng		96
47) 2-Chloronaphthalene	13.63	162	30699	5.191	ng		90
48) 2-Nitroaniline	13.83	65	10418	4.911	ng		95
49) Acenaphthylene	14.47	152	46811	5.259	ng		97
50) Dimethylphthalate	14.19	163	39714	5.041	ng	#	95
51) 2,6-Dinitrotoluene	14.32	165	8501	5.005	ng		96
52) Acenaphthene	14.81	154	27032	5.013	ng		97
53) 3-Nitroaniline	14.65	138	8449	4.975	ng	#	81
54) 2,4-Dinitrophenol	14.88	184	370	8.780	ng	#	38
55) Dibenzofuran	15.14	168	46474	5.122	ng		100
56) 4-Nitrophenol	14.96	139	4728	4.058	ng	#	69
57) 2,4-Dinitrotoluene	15.10	165	11239	4.684	ng	#	99
58) Fluorene	15.78	166	37393	5.175	ng		94
59) 2,3,4,6-Tetrachlorophenol	15.36	232	11863	4.717	ng	#	97
60) Diethylphthalate	15.54	149	39830	4.954	ng		98
61) 4-Chlorophenyl-phenylether	15.77	204	23238	4.948	ng		98
62) 4-Nitroaniline	15.81	138	8470	4.711	ng		96
63) Azobenzene	16.07	77	36971	5.060	ng		98
65) 4,6-Dinitro-2-methylphenol	15.87	198	2936	10.482	ng		78
66) n-Nitrosodiphenylamine	15.99	169	34135	5.109	ng		98
67) 4-Bromophenyl-phenylether	16.67	248	14139	4.408	ng		99
68) Hexachlorobenzene	16.78	284	15890	4.652	ng	#	85
69) Atrazine	16.92	200	14141	5.485	ng		90
70) Pentachlorophenol	17.14	266	5258	6.977	ng	#	81
71) Phenanthrene	17.53	178	67782	5.475	ng		98
72) Anthracene	17.62	178	64377	5.273	ng		99
73) Carbazole	17.89	167	57790	5.516	ng		99
74) Di-n-butylphthalate	18.42	149	67986	5.221	ng		99
75) Fluoranthene	19.53	202	87995	5.755	ng		97
77) Benzidine	19.72	184	37932	5.858	ng		96
78) Pyrene	19.90	202	93368	5.291	ng		95
80) Butylbenzylphthalate	20.76	149	36753	5.352	ng		98
81) Benzo(a)anthracene	21.74	228	100212	5.546	ng		98
82) 3,3'-Dichlorobenzidine	21.66	252	36165	5.690	ng		99
83) Chrysene	21.81	228	95590	5.528	ng		94
84) Bis(2-ethylhexyl)phthalate	21.61	149	53478	5.532	ng		94
85) Di-n-octyl phthalate	22.86	149	92195	5.726	ng		96
86) Indeno(1,2,3-cd)pyrene	28.92	276	109465	5.168	ng	#	75
88) Benzo(b)fluoranthene	24.03	252	95365	5.351	ng		93
89) Benzo(k)fluoranthene	24.09	252	95498	5.415	ng		97
90) Benzo(a)pyrene	24.93	252	94085	5.533	ng		97
91) Dibenzo(a,h)anthracene	28.98	278	88759	5.224	ng	#	88
92) Benzo(g,h,i)perylene	30.11	276	91500	5.543	ng		94

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

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