Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072919\
Data File : BG041789.D
Acq On : 29 Jul 2019 15:05
Operator : HP/JU
Sample : K3591-02
Misc : LOO-SOIL-10PPM
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-SOIL-02-QT3-2019

Quant Time: Jul 29 15:45:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 29 12:47:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	93155	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	397747	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	296300	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	664616	20.00	ng		0.00
76) Chrysene-d12	21.74	240	667617	20.00	ng		0.00
87) Perylene-d12	25.02	264	762281	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	586949	122.59	ng		0.00
7) Phenol-d6	7.20	99	779104	120.70	ng		0.00
23) Nitrobenzene-d5	9.21	82	487031	84.26	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	429869	127.73	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1358638	80.87	ng		0.00
79) Terphenyl-d14	20.07	244	2169827	74.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	24048	10.671	ng		94
3) Pyridine	3.88	79	49151	7.954	ng		88
4) n-Nitrosodimethylamine	3.79	42	21718	8.865	ng		93
6) Aniline	7.36	93	86318	9.497	ng		97
8) 2-Chlorophenol	7.61	128	55156	10.060	ng		91
9) Benzaldehyde	7.17	77	48610	10.702	ng		96
10) Phenol	7.22	94	67531	10.056	ng		96
11) bis(2-Chloroethyl)ether	7.46	93	54268	9.830	ng		92
12) 1,3-Dichlorobenzene	7.94	146	66755	9.329	ng		97
13) 1,4-Dichlorobenzene	8.08	146	68464	9.562	ng		97
14) 1,2-Dichlorobenzene	8.41	146	63108	9.237	ng		97
15) Benzyl Alcohol	8.28	79	47582	9.370	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	91639	9.330	ng		95
17) 2-Methylphenol	8.48	107	47259	9.677	ng		93
18) Hexachloroethane	9.15	117	22601	9.218	ng		93
19) n-Nitroso-di-n-propylamine	8.85	70	45286	9.663	ng		88
20) 3+4-Methylphenols	8.81	107	64346	9.628	ng		98
22) Acetophenone	8.87	105	87528	9.838	ng	#	93
24) Nitrobenzene	9.25	77	63099	10.363	ng		95
25) Isophorone	9.78	82	126364	10.050	ng		97
26) 2-Nitrophenol	9.97	139	27467	9.719	ng		89
27) 2,4-Dimethylphenol	10.03	122	55278	11.083	ng		95
28) bis(2-Chloroethoxy)methane	10.27	93	78237	9.957	ng		99
29) 2,4-Dichlorophenol	10.51	162	58439	9.621	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	72339	9.392	ng		99
31) Naphthalene	10.92	128	186805	10.262	ng		96
32) Benzoic acid	10.10	122	9672	10.949	ng		96
33) 4-Chloroaniline	11.02	127	81466	9.437	ng		96
34) Hexachlorobutadiene	11.22	225	47202	9.080	ng		98
35) Caprolactam	11.77	113	21646	10.255	ng	#	76
36) 4-Chloro-3-methylphenol	12.14	107	60001	9.964	ng		96
37) 2-Methylnaphthalene	12.53	142	150819	10.467	ng		98
38) 1-Methylnaphthalene	12.75	142	142573	10.441	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	91591	9.765	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	50587	9.593	ng		98
43) 2,4,6-Trichlorophenol	13.13	196	53905	9.093	ng		96
44) 2,4,5-Trichlorophenol	13.20	196	62066	10.075	ng		98
46) 1,1'-Biphenyl	13.53	154	195585	10.269	ng		96
47) 2-Chloronaphthalene	13.58	162	156209	9.633	ng		95
48) 2-Nitroaniline	13.77	65	37362	9.084	ng		92
49) Acenaphthylene	14.42	152	258438	10.654	ng		96
50) Dimethylphthalate	14.15	163	208773	10.317	ng		98
51) 2,6-Dinitrotoluene	14.26	165	43572	10.297	ng		88
52) Acenaphthene	14.77	154	152988	9.697	ng		98
53) 3-Nitroaniline	14.59	138	42674	9.427	ng	#	88
54) 2,4-Dinitrophenol	14.80	184	13371	10.302	ng		88
55) Dibenzofuran	15.10	168	257842	10.685	ng		91
56) 4-Nitrophenol	14.89	139	32246	9.384	ng		90
57) 2,4-Dinitrotoluene	15.05	165	57897	9.950	ng		91
58) Fluorene	15.75	166	208174	10.750	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	59214	9.705	ng	#	93
60) Diethylphthalate	15.51	149	203052	10.221	ng		96
61) 4-Chlorophenyl-phenylether	15.74	204	118132	9.992	ng		92
62) 4-Nitroaniline	15.75	138	47611	9.710	ng		95
63) Azobenzene	16.04	77	164252	10.121	ng		94
65) 4,6-Dinitro-2-methylphenol	15.82	198	27106	13.996	ng		88
66) n-Nitrosodiphenylamine	15.96	169	186902	10.324	ng		95
67) 4-Bromophenyl-phenylether	16.64	248	75739	9.251	ng		96
68) Hexachlorobenzene	16.76	284	81123	9.472	ng		92
69) Atrazine	16.90	200	70741	9.945	ng		96
70) Pentachlorophenol	17.10	266	39571	8.133	ng	#	88
71) Phenanthrene	17.49	178	346691	10.883	ng	#	91
72) Anthracene	17.59	178	349315	10.994	ng	#	90
73) Carbazole	17.85	167	307468	10.782	ng	#	92
74) Di-n-butylphthalate	18.42	149	341596	10.566	ng	#	92
75) Fluoranthene	19.50	202	440474	11.375	ng		89
77) Benzidine	19.68	184	213874	9.815	ng		97
78) Pyrene	19.87	202	449251	11.358	ng	#	88
80) Butylbenzylphthalate	20.76	149	143688	9.475	ng		91
81) Benzo(a)anthracene	21.72	228	419562	10.622	ng		91
82) 3,3'-Dichlorobenzidine	21.63	252	167015	10.531	ng		100
83) Chrysene	21.78	228	405658	10.714	ng		90
84) Bis(2-ethylhexyl)phthalate	21.64	149	212721	10.169	ng		97
85) Di-n-octyl phthalate	22.88	149	352682	10.018	ng	#	90
86) Indeno(1,2,3-cd)pyrene	28.75	276	471874	9.415	ng	#	87
88) Benzo(b)fluoranthene	23.97	252	423093	10.146	ng	#	91
89) Benzo(k)fluoranthene	24.04	252	433281	10.667	ng	#	91
90) Benzo(a)pyrene	24.86	252	417078	10.429	ng	#	94
91) Dibenzo(a,h)anthracene	28.82	278	390832	9.952	ng	#	95
92) Benzo(g,h,i)perylene	29.91	276	395120	10.071	ng		96

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

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