Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080818\
Data File : BF108022.D
Acq On : 8 Aug 2018 16:27
Operator : JU/SJ
Sample : J3762-02
Misc : LOO 20 PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-SOIL-02-QT3-2018

Quant Time: Aug 08 18:51:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	285504	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1134880	20.00	ng		0.00
38) Acenaphthene-d10	10.06	164	612183	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	1235809	20.00	ng		0.00
75) Chrysene-d12	14.21	240	1039874	20.00	ng		0.00
86) Perylene-d12	15.77	264	896121	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	1976861	125.36	ng		0.02
7) Phenol-d6	6.64	99	2624702	125.25	ng		0.00
23) Nitrobenzene-d5	7.58	82	1487045	73.12	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	809007	132.49	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2770166	72.65	ng		0.00
78) Terphenyl-d14	13.15	244	3045792	74.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.00	88	150471	18.570	ng	#	86
3) Pyridine	3.74	79	415223	19.892	ng	#	84
4) n-Nitrosodimethylamine	3.69	42	224861	19.145	ng		82
6) Aniline	6.68	93	422695	14.829	ng		97
8) 2-Chlorophenol	6.80	128	355734	20.029	ng		97
9) Benzaldehyde	6.57	77	295886	18.211	ng		96
10) Phenol	6.64	94	427744	19.733	ng		83
11) bis(2-Chloroethyl)ether	6.75	93	346564	19.776	ng		93
12) 1,3-Dichlorobenzene	6.95	146	410891	20.008	ng		97
13) 1,4-Dichlorobenzene	7.03	146	412176	19.976	ng		98
14) 1,2-Dichlorobenzene	7.18	146	389620	20.301	ng		98
15) Benzyl Alcohol	7.15	79	299145	16.957	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.28	45	725946	20.108	ng		95
17) 2-Methylphenol	7.25	107	315333	20.703	ng		94
18) Hexachloroethane	7.53	117	146873	19.994	ng		90
19) n-Nitroso-di-n-propylamine	7.41	70	286570	20.222	ng	#	84
20) 3+4-Methylphenols	7.40	107	411928	21.105	ng		95
22) Acetophenone	7.42	105	536657	20.223	ng	#	93
24) Nitrobenzene	7.60	77	417353	20.293	ng		99
25) Isophorone	7.82	82	764794	19.729	ng		95
26) 2-Nitrophenol	7.91	139	150981	19.440	ng		88
27) 2,4-Dimethylphenol	7.93	122	360220	20.937	ng		96
28) bis(2-Chloroethoxy)methane	8.04	93	462032	20.417	ng		99
29) 2,4-Dichlorophenol	8.14	162	325377	20.550	ng		97
30) 1,2,4-Trichlorobenzene	8.24	180	346800	19.867	ng		97
31) Naphthalene	8.32	128	1083801	20.999	ng		99
32) Benzoic acid	8.01	122	144444	18.641	ng		88
33) 4-Chloroaniline	8.36	127	295849	13.153	ng		97
34) Hexachlorobutadiene	8.43	225	223201	20.198	ng		99
35) Caprolactam	8.71	113	101251	20.407	ng	#	71
36) 4-Chloro-3-methylphenol	8.83	107	350955	20.547	ng		98
37) 2-Methylnaphthalene	9.01	142	769339	21.069	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	376372	20.020	ng		98
40) Hexachlorocyclopentadiene	9.16	237	238520	19.643	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	223086	19.123	ng		100
43) 2,4,5-Trichlorophenol	9.32	196	271753	21.161	ng		98
45) 1,1'-Biphenyl	9.48	154	933636	20.685	ng		98
46) 2-Chloronaphthalene	9.51	162	732965	20.546	ng		97
47) 2-Nitroaniline	9.60	65	240715	20.854	ng		87
48) Acenaphthylene	9.92	152	1196587	21.217	ng		99
49) Dimethylphthalate	9.77	163	879587	20.626	ng		99
50) 2,6-Dinitrotoluene	9.84	165	187225	20.985	ng		92
51) Acenaphthene	10.10	154	706626	20.456	ng		99
52) 3-Nitroaniline	10.01	138	144772	14.831	ng		95
53) 2,4-Dinitrophenol	10.11	184	46495	19.724	ng	#	65
54) Dibenzofuran	10.27	168	1051625	21.013	ng		96
55) 4-Nitrophenol	10.15	139	144749	19.582	ng		86
56) 2,4-Dinitrotoluene	10.24	165	248804	21.665	ng	#	88
57) Fluorene	10.61	166	816123	20.600	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	218158	20.324	ng	#	87
59) Diethylphthalate	10.48	149	865635	20.963	ng		96
60) 4-Chlorophenyl-phenylether	10.60	204	425706	20.622	ng		92
61) 4-Nitroaniline	10.62	138	195442	20.251	ng		93
62) Azobenzene	10.77	77	898551	21.071	ng		92
64) 4,6-Dinitro-2-methylphenol	10.65	198	75065	19.731	ng		93
65) n-Nitrosodiphenylamine	10.72	169	759873	20.807	ng		97
66) 4-Bromophenyl-phenylether	11.10	248	274738	20.457	ng	#	88
67) Hexachlorobenzene	11.16	284	284718	20.149	ng		91
68) Atrazine	11.24	200	252696	20.630	ng		97
69) Pentachlorophenol	11.35	266	126621	18.721	ng		98
70) Phenanthrene	11.58	178	1241556	21.300	ng		98
71) Anthracene	11.64	178	1272829	21.306	ng		99
72) Carbazole	11.78	167	1131054	21.309	ng		99
73) Di-n-butylphthalate	12.11	149	1313827	21.853	ng		99
74) Fluoranthene	12.78	202	1359027	21.363	ng		95
76) Benzidine	12.89	184	378917	9.753	ng		98
77) Pyrene	13.01	202	1355472	20.589	ng		99
79) Butylbenzylphthalate	13.62	149	533252	20.398	ng	#	98
80) Benzo(a)anthracene	14.20	228	1219647	20.437	ng		99
81) 3,3'-Dichlorobenzidine	14.16	252	263191	12.306	ng	#	98
82) Chrysene	14.24	228	1139483	20.827	ng		100
83) Bis(2-ethylhexyl)phthalate	14.17	149	749408	21.169	ng		99
84) Di-n-octyl phthalate	14.80	149	1154486	21.383	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.39	276	912657	19.252	ng	#	92
87) Benzo(b)fluoranthene	15.30	252	1089756	20.351	ng		97
88) Benzo(k)fluoranthene	15.34	252	1017201	20.665	ng	#	96
89) Benzo(a)pyrene	15.71	252	970337	20.237	ng	#	97
90) Dibenzo(a,h)anthracene	17.41	278	763587	19.247	ng	#	94
91) Benzo(g,h,i)perylene	17.88	276	735614	18.830	ng	#	91

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

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