Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
Data File : BF117163.D
Acq On : 18 Sep 2019 23:33
Operator : HP/JU
Sample : K4927-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1MS

Manual Integrations APPROVED
Jagrut
9/19/2019 10:42:15 AM

Quant Time: Sep 19 08:20:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	68661	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	271864	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	112149	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	229095	20.00	ng		0.00
76) Chrysene-d12	13.97	240	155078	20.00	ng		0.00
87) Perylene-d12	15.41	264	157114	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	315223	71.68	ng		0.01
7) Phenol-d6	6.46	99	597719	105.17	ng		0.00
23) Nitrobenzene-d5	7.39	82	369062	71.33	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	126197	134.64	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	428737	59.77	ng		0.00
79) Terphenyl-d14	12.91	244	565190	68.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	37963	20.629	ng		96
3) Pyridine	3.35	79	103395	20.527	ng		96
4) n-Nitrosodimethylamine	3.29	42	44480	25.732	ng		82
6) Aniline	6.49	93	146142	19.971	ng	#	90
8) 2-Chlorophenol	6.61	128	214975	45.311	ng		98
9) Benzaldehyde	6.37	77	122611	44.156	ng		96
10) Phenol	6.47	94	279145	44.552	ng		95
11) bis(2-Chloroethyl)ether	6.56	93	195662	42.489	ng		99
12) 1,3-Dichlorobenzene	6.76	146	220438	41.406	ng		99
13) 1,4-Dichlorobenzene	6.84	146	227814	41.931	ng		99
14) 1,2-Dichlorobenzene	6.99	146	211916	41.894	ng		98
15) Benzyl Alcohol	6.97	79	193576	44.414	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	186900	41.080	ng		92
17) 2-Methylphenol	7.08	107	175169	44.054	ng		93
18) Hexachloroethane	7.33	117	87733	41.975	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	152551	44.079	ng		94
20) 3+4-Methylphenols	7.23	107	224235	45.274	ng		93
22) Acetophenone	7.23	105	309859	44.860	ng		97
24) Nitrobenzene	7.40	77	233466	45.691	ng		97
25) Isophorone	7.65	82	421861	46.048	ng		99
26) 2-Nitrophenol	7.72	139	108835	49.588	ng		99
27) 2,4-Dimethylphenol	7.76	122	185696	53.353	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	250785	44.431	ng		99
29) 2,4-Dichlorophenol	7.96	162	172054	47.178	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	171628	43.560	ng		99
31) Naphthalene	8.12	128	605339	46.298	ng		99
32) Benzoic acid	7.89	122	82376	33.633	ng		93
33) 4-Chloroaniline	8.17	127	49376	8.514	ng		98
34) Hexachlorobutadiene	8.24	225	97366	43.557	ng		96
35) Caprolactam	8.54	113	60181m	48.753	ng		
36) 4-Chloro-3-methylphenol	8.66	107	192796	45.338	ng		96
37) 2-Methylnaphthalene	8.81	142	292649	33.238	ng		99
38) 1-Methylnaphthalene	8.91	142	271267	32.896	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	115645	39.933	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	92403	72.951	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	70588	35.917	ng		98
44) 2,4,5-Trichlorophenol	9.14	196	80185	38.188	ng		98
46) 1,1'-Biphenyl	9.27	154	316346	35.961	ng		98
47) 2-Chloronaphthalene	9.30	162	256280	36.914	ng		98
48) 2-Nitroaniline	9.40	65	73886	33.179	ng		99
49) Acenaphthylene	9.72	152	439610	42.268	ng		99
50) Dimethylphthalate	9.57	163	328279	41.341	ng		99
51) 2,6-Dinitrotoluene	9.64	165	68384	42.284	ng		97
52) Acenaphthene	9.89	154	264580	42.915	ng		99
53) 3-Nitroaniline	9.81	138	38966	19.096	ng		95
54) 2,4-Dinitrophenol	9.92	184	46553	68.192	ng		95
55) Dibenzofuran	10.06	168	426066	46.839	ng		96
56) 4-Nitrophenol	9.98	139	94541	71.488	ng		94
57) 2,4-Dinitrotoluene	10.05	165	103517	49.310	ng		97
58) Fluorene	10.40	166	385311	52.584	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	76916	47.868	ng	#	99
60) Diethylphthalate	10.27	149	399762	51.171	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	165075	52.069	ng		94
62) 4-Nitroaniline	10.42	138	105712	49.816	ng		95
63) Azobenzene	10.55	77	460902	57.765	ng		99
65) 4,6-Dinitro-2-methylphenol	10.46	198	48276	46.500	ng		99
66) n-Nitrosodiphenylamine	10.51	169	369866	46.747	ng		98
67) 4-Bromophenyl-phenylether	10.87	248	106912	45.696	ng		95
68) Hexachlorobenzene	10.95	284	112104	43.808	ng		96
69) Atrazine	11.03	200	102833	55.687	ng		100
70) Pentachlorophenol	11.14	266	101953	84.996	ng		97
71) Phenanthrene	11.36	178	593760	45.630	ng		99
72) Anthracene	11.41	178	627542	47.238	ng		98
73) Carbazole	11.56	167	585437	46.427	ng		99
74) Di-n-butylphthalate	11.89	149	691807	46.111	ng		99
75) Fluoranthene	12.54	202	605291	45.271	ng		98
77) Benzidine	12.66	184	195368	39.109	ng		99
78) Pyrene	12.77	202	619053	47.575	ng		99
80) Butylbenzylphthalate	13.38	149	290103	47.183	ng		100
81) Benzo(a)anthracene	13.96	228	465134	44.893	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	74274	22.246	ng		97
83) Chrysene	13.99	228	466000	46.115	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	384187	48.462	ng		99
85) Di-n-octyl phthalate	14.54	149	616549	49.413	ng		99
86) Indeno(1,2,3-cd)pyrene	16.86	276	435328	59.048	ng		99
88) Benzo(b)fluoranthene	14.99	252	421338	44.272	ng		100
89) Benzo(k)fluoranthene	15.02	252	373908	41.475	ng		99
90) Benzo(a)pyrene	15.35	252	386136	46.237	ng		98
91) Dibenzo(a,h)anthracene	16.86	278	365510	54.940	ng		99
92) Benzo(g,h,i)perylene	17.28	276	366787	55.326	ng		98

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

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