Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
Data File : BF117164.D
Acq On : 19 Sep 2019 00:00
Operator : HP/JU
Sample : K4927-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1MSD

Manual Integrations APPROVED
Jagrut
9/19/2019 10:42:36 AM

Quant Time: Sep 19 08:21:52 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	57314	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	217420	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	110673	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	157593	20.00	ng		0.00
76) Chrysene-d12	13.97	240	150690	20.00	ng		0.00
87) Perylene-d12	15.41	264	152917	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	439132	119.62	ng		0.01
7) Phenol-d6	6.47	99	639208	134.73	ng		0.01
23) Nitrobenzene-d5	7.39	82	385025	93.05	ng		0.00
42) 2,4,6-Tribromophenol	10.64	330	131940	142.64	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	556642	78.64	ng		0.00
79) Terphenyl-d14	12.91	244	713788	88.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	46857	30.503	ng		98
3) Pyridine	3.35	79	108964	25.916	ng		96
4) n-Nitrosodimethylamine	3.30	42	56253	38.986	ng		88
6) Aniline	6.49	93	136087	22.279	ng	#	58
8) 2-Chlorophenol	6.62	128	193301	48.809	ng		96
9) Benzaldehyde	6.37	77	111306	49.101	ng		98
10) Phenol	6.48	94	269400	51.509	ng		98
11) bis(2-Chloroethyl)ether	6.56	93	178372	46.403	ng		96
12) 1,3-Dichlorobenzene	6.76	146	203075	45.696	ng		99
13) 1,4-Dichlorobenzene	6.84	146	207362	45.723	ng		99
14) 1,2-Dichlorobenzene	6.99	146	190825	45.193	ng		96
15) Benzyl Alcohol	6.97	79	182066	50.043	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	164776	43.387	ng		89
17) 2-Methylphenol	7.08	107	155047	46.713	ng		93
18) Hexachloroethane	7.33	117	76733	43.981	ng		95
19) n-Nitroso-di-n-propylamine	7.24	70	144563	50.040	ng		98
20) 3+4-Methylphenols	7.24	107	207905	50.288	ng	#	76
22) Acetophenone	7.23	105	292301	52.915	ng		98
24) Nitrobenzene	7.40	77	210255	51.452	ng		100
25) Isophorone	7.65	82	365435	49.878	ng		99
26) 2-Nitrophenol	7.72	139	96557	55.010	ng		95
27) 2,4-Dimethylphenol	7.76	122	165633	59.505	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	220104	48.760	ng		99
29) 2,4-Dichlorophenol	7.96	162	155093	53.176	ng		98
30) 1,2,4-Trichlorobenzene	8.05	180	154374	48.992	ng		98
31) Naphthalene	8.13	128	523184	50.034	ng		99
32) Benzoic acid	7.90	122	74492	37.168	ng		95
33) 4-Chloroaniline	8.18	127	32639	7.038	ng		96
34) Hexachlorobutadiene	8.24	225	85987	48.099	ng		99
35) Caprolactam	8.55	113	47594m	48.211	ng		
36) 4-Chloro-3-methylphenol	8.66	107	183028	53.819	ng		95
37) 2-Methylnaphthalene	8.82	142	372847	52.951	ng		99
38) 1-Methylnaphthalene	8.91	142	295154	44.756	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	134109	46.926	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
Data File : BF117164.D
Acq On : 19 Sep 2019 00:00
Operator : HP/JU
Sample : K4927-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1MSD

Manual Integrations APPROVED
Jagrut
9/19/2019 10:42:36 AM

Quant Time: Sep 19 08:21:52 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)
41) Hexachlorocyclopentadiene	8.97	237	114335	89.478	ng		99
43) 2,4,6-Trichlorophenol	9.09	196	86999	44.858	ng		100
44) 2,4,5-Trichlorophenol	9.14	196	93994	45.361	ng		99
46) 1,1'-Biphenyl	9.27	154	428028	49.305	ng		98
47) 2-Chloronaphthalene	9.30	162	333729	48.710	ng		98
48) 2-Nitroaniline	9.40	65	108468	49.358	ng		92
49) Acenaphthylene	9.72	152	505074	49.210	ng		99
50) Dimethylphthalate	9.57	163	481080	61.392	ng		98
51) 2,6-Dinitrotoluene	9.64	165	89978	56.378	ng		93
52) Acenaphthene	9.89	154	295584	48.583	ng		99
53) 3-Nitroaniline	9.81	138	39903	19.816	ng		100
54) 2,4-Dinitrophenol	9.92	184	52100	76.106	ng		97
55) Dibenzofuran	10.06	168	445469	49.625	ng		96
56) 4-Nitrophenol	9.98	139	119322	91.430	ng		91
57) 2,4-Dinitrotoluene	10.05	165	113155	54.620	ng		94
58) Fluorene	10.40	166	394233	54.520	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	80019	50.463	ng	#	98
60) Diethylphthalate	10.27	149	404404	52.456	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	165689	52.959	ng		94
62) 4-Nitroaniline	10.43	138	101556	48.496	ng		94
63) Azobenzene	10.55	77	405218	51.463	ng		97
65) 4,6-Dinitro-2-methylphenol	10.46	198	45009	60.570	ng		88
66) n-Nitrosodiphenylamine	10.51	169	338938	62.275	ng		98
67) 4-Bromophenyl-phenylether	10.87	248	96498	59.959	ng		91
68) Hexachlorobenzene	10.95	284	102490	58.223	ng		96
69) Atrazine	11.03	200	94801	101.293	ng		97
70) Pentachlorophenol	11.14	266	86429	104.745	ng		98
71) Phenanthrene	11.36	178	460997	51.501	ng		100
72) Anthracene	11.41	178	483562	52.915	ng		99
73) Carbazole	11.56	167	490998	56.604	ng		99
74) Di-n-butylphthalate	11.89	149	652457	63.219	ng		100
75) Fluoranthene	12.54	202	660371	71.800	ng		99
77) Benzidine	12.66	184	203623	41.949	ng		98
78) Pyrene	12.77	202	670536	53.032	ng		99
80) Butylbenzylphthalate	13.38	149	306050	51.226	ng		97
81) Benzo(a)anthracene	13.96	228	492306	48.899	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	69383	21.386	ng		97
83) Chrysene	14.00	228	491835	50.088	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	398228	51.696	ng		99
85) Di-n-octyl phthalate	14.54	149	626924	51.708	ng		99
86) Indeno(1,2,3-cd)pyrene	16.86	276	482642	67.372	ng		98
88) Benzo(b)fluoranthene	15.00	252	419033	45.239	ng		99
89) Benzo(k)fluoranthene	15.03	252	396454	45.183	ng		98
90) Benzo(a)pyrene	15.36	252	419213	51.575	ng		98
91) Dibenzo(a,h)anthracene	16.87	278	395401	61.064	ng		99
92) Benzo(g,h,i)perylene	17.29	276	405937	62.912	ng		99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
Data File : BF117164.D
Acq On : 19 Sep 2019 00:00
Operator : HP/JU
Sample : K4927-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 19 08:21:52 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

Instrument :
BNA_F
ClientSampleId :
SOIL-COMP-1MSD

Manual Integrations APPROVED
Jagrut
9/19/2019 10:42:36 AM