Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111120\
Data File : BF122306.D
Acq On : 11 Nov 2020 10:41
Operator : JU/CG
Sample : L4214-03
Misc : MDL-MDL-SOIL-4PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2020

Manual Integrations APPROVED
mohammad
11/12/2020 11:39:09 AM

Quant Time: Nov 11 11:15:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 11 11:01:10 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	343682	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	1219998	20.00	ng		0.00
39) Acenaphthene-d10	9.904	164	650110	20.00	ng		0.00
64) Phenanthrene-d10	11.386	188	1168871	20.00	ng		0.00
76) Chrysene-d12	14.027	240	1040776	20.00	ng		0.00
86) Perylene-d12	15.498	264	964156	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	2835711	126.69	ng		0.00
7) Phenol-d6	6.498	99	3579544	122.25	ng		0.00
23) Nitrobenzene-d5	7.434	82	2357958	118.32	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	1019051	146.05	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	3767862	90.56	ng		0.00
79) Terphenyl-d14	12.986	244	4417177	89.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	39546	3.85	ng		93
3) Pyridine	3.457	79	105059	3.72	ng		93
4) n-Nitrosodimethylamine	3.310	42	50851	3.82	ng	#	89
6) Aniline	6.534	93	150971	3.93	ng		99
8) 2-Chlorophenol	6.651	128	92996	4.01	ng		95
9) Benzaldehyde	6.416	77	80713	4.89	ng		97
10) Phenol	6.504	94	117855m	4.09	ng		
11) bis(2-Chloroethyl)ether	6.604	93	94807	4.14	ng		92
12) 1,3-Dichlorobenzene	6.810	146	109113	4.14	ng		96
13) 1,4-Dichlorobenzene	6.887	146	113968	4.31	ng		96
14) 1,2-Dichlorobenzene	7.040	146	104925	4.25	ng		99
15) Benzyl Alcohol	6.998	79	63724	3.06	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	134129	4.02	ng		98
17) 2-Methylphenol	7.104	107	77943	4.02	ng		99
18) Hexachloroethane	7.381	117	38115	4.13	ng		96
19) n-Nitroso-di-n-propyla...	7.275	70	71075	4.06	ng		96
20) 3+4-Methylphenols	7.257	107	101738	4.27	ng	#	66
22) Acetophenone	7.269	105	138879	4.37	ng	#	87
24) Nitrobenzene	7.445	77	110546	4.85	ng		98
25) Isophorone	7.681	82	183716	4.14	ng		99
26) 2-Nitrophenol	7.763	139	30620	3.98	ng		98
27) 2,4-Dimethylphenol	7.792	122	86666	4.14	ng		96
28) bis(2-Chloroethoxy)met...	7.892	93	116528	4.29	ng		99
29) 2,4-Dichlorophenol	7.998	162	74415	4.01	ng		96
30) 1,2,4-Trichlorobenzene	8.092	180	88404	4.32	ng		97
31) Naphthalene	8.169	128	286368	4.42	ng		99
32) Benzoic acid	7.840	122	16542	1.75	ng		96
33) 4-Chloroaniline	8.210	127	116698	4.13	ng		99
34) Hexachlorobutadiene	8.292	225	51253	4.35	ng		99
35) Caprolactam	8.545	113	21941	3.73	ng		87
36) 4-Chloro-3-methylphenol	8.681	107	78703	4.07	ng		98
37) 2-Methylnaphthalene	8.863	142	187919	4.39	ng		99
38) 1-Methylnaphthalene	8.963	142	175904	4.39	ng		97
40) 1,2,4,5-Tetrachloroben...	9.028	216	86646	4.33	ng		99
41) Hexachlorocyclopentadiene	9.022	237	42425	3.62	ng		99
43) 2,4,6-Trichlorophenol	9.134	196	49673	3.82	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111120\
Data File : BF122306.D
Acq On : 11 Nov 2020 10:41
Operator : JU/CG
Sample : L4214-03
Misc : MDL-MDL-SOIL-4PPM
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2020

Manual Integrations APPROVED
mohammad
11/12/2020 11:39:09 AM

Quant Time: Nov 11 11:15:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 11 11:01:10 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	53622	3.93	ng		99
46) 1,1'-Biphenyl	9.328	154	240578	4.65	ng		95
47) 2-Chloronaphthalene	9.351	162	183129	4.46	ng		95
48) 2-Nitroaniline	9.434	65	39923	3.96	ng		92
49) Acenaphthylene	9.763	152	271230	4.30	ng		100
50) Dimethylphthalate	9.616	163	202228	4.38	ng		100
51) 2,6-Dinitrotoluene	9.681	165	36792	4.12	ng		91
52) Acenaphthene	9.939	154	172059	4.40	ng		100
53) 3-Nitroaniline	9.845	138	42155	4.09	ng		93
54) 2,4-Dinitrophenol	9.945	184	6118	2.24	ng	#	1
55) Dibenzofuran	10.110	168	256378	4.48	ng		96
56) 4-Nitrophenol	9.986	139	29208	3.31	ng		88
57) 2,4-Dinitrotoluene	10.081	165	43280	4.00	ng	#	87
58) Fluorene	10.451	166	200386	4.57	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	42178	3.72	ng		93
60) Diethylphthalate	10.322	149	196019	4.32	ng		97
61) 4-Chlorophenyl-phenyle...	10.445	204	95187	4.60	ng		95
62) 4-Nitroaniline	10.451	138	40685	4.00	ng		98
63) Azobenzene	10.604	77	206552	4.34	ng		96
65) 4,6-Dinitro-2-methylph...	10.486	198	11926	2.69	ng		92
66) n-Nitrosodiphenylamine	10.563	169	172419	4.33	ng		96
67) 4-Bromophenyl-phenylether	10.933	248	58253	4.24	ng		94
68) Hexachlorobenzene	10.998	284	65708	4.43	ng		97
69) Atrazine	11.081	200	46199	4.66	ng		97
70) Pentachlorophenol	11.186	266	28738	3.36	ng		97
71) Phenanthrene	11.410	178	307964	4.64	ng		99
72) Anthracene	11.463	178	297740	4.36	ng		99
73) Carbazole	11.616	167	268599	4.32	ng		98
74) Di-n-butylphthalate	11.951	149	277488	4.19	ng		99
75) Fluoranthene	12.598	202	296594	4.28	ng		96
77) Benzidine	12.716	184	126026m	4.37	ng		
78) Pyrene	12.827	202	313479	4.29	ng		98
80) Butylbenzylphthalate	13.451	149	91463	3.48	ng		99
81) Benzo(a)anthracene	14.016	228	282942	4.37	ng		99
82) 3,3'-Dichlorobenzidine	13.974	252	90449	3.75	ng		98
83) Chrysene	14.051	228	287980	4.42	ng		97
84) Bis(2-ethylhexyl)phtha...	14.016	149	138342	3.92	ng		98
85) Di-n-octyl phthalate	14.627	149	191498	3.20	ng		99
87) Indeno(1,2,3-cd)pyrene	16.945	276	211393	3.65	ng		98
88) Benzo(b)fluoranthene	15.063	252	241150	3.86	ng		98
89) Benzo(k)fluoranthene	15.092	252	255534	4.20	ng		98
90) Benzo(a)pyrene	15.427	252	211022	3.88	ng		100
91) Dibenzo(a,h)anthracene	16.968	278	176601	3.64	ng		99
92) Benzo(g,h,i)perylene	17.386	276	174188	3.70	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111120\
Data File : BF122306.D
Acq On : 11 Nov 2020 10:41
Operator : JU/CG
Sample : L4214-03
Misc : MDL-MDL-SOIL-4PPM
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 11 11:15:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 11 11:01:10 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MDL-SOIL-03-QT4-2020

Manual Integrations APPROVED
mohammad
11/12/2020 11:39:09 AM