Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111020\
Data File : BF122294.D
Acq On : 10 Nov 2020 12:49
Operator : JU/CG
Sample : L4214-02
Misc : LOQ-SOIL-5ppm
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

Manual Integrations APPROVED
mohammad
11/11/2020 10:31:59 AM

Quant Time: Nov 10 13:17:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 13:10:47 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	328339	20.00	ng		0.00
21) Naphthalene-d8	8.151	136	1194413	20.00	ng		0.00
39) Acenaphthene-d10	9.904	164	628629	20.00	ng		0.00
64) Phenanthrene-d10	11.386	188	1136050	20.00	ng		0.00
76) Chrysene-d12	14.027	240	1032773	20.00	ng		0.00
86) Perylene-d12	15.492	264	1028379	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.481	112	2133315	99.77	ng		0.00
7) Phenol-d6	6.492	99	2740216	97.96	ng		0.00
23) Nitrobenzene-d5	7.428	82	1730328	88.69	ng		0.00
42) 2,4,6-Tribromophenol	10.692	330	742628	110.07	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	2942989	73.15	ng		0.00
79) Terphenyl-d14	12.980	244	3423339	70.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	37782	3.85	ng		92
3) Pyridine	3.434	79	99689	3.70	ng		91
4) n-Nitrosodimethylamine	3.328	42	46936	3.69	ng		94
6) Aniline	6.528	93	139937	3.81	ng		97
8) 2-Chlorophenol	6.651	128	87367	3.94	ng		89
9) Benzaldehyde	6.410	77	76041	4.82	ng		100
10) Phenol	6.498	94	109410m	3.97	ng		
11) bis(2-Chloroethyl)ether	6.598	93	86666	3.96	ng		95
12) 1,3-Dichlorobenzene	6.804	146	101463	4.03	ng		98
13) 1,4-Dichlorobenzene	6.881	146	100861	3.99	ng		99
14) 1,2-Dichlorobenzene	7.040	146	93986	3.98	ng		99
15) Benzyl Alcohol	6.998	79	65900	3.31	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.140	45	123016	3.85	ng		97
17) 2-Methylphenol	7.104	107	71944	3.89	ng		100
18) Hexachloroethane	7.381	117	33590	3.81	ng		98
19) n-Nitroso-di-n-propyla...	7.269	70	65332	3.91	ng		99
20) 3+4-Methylphenols	7.257	107	91373	4.01	ng	#	69
22) Acetophenone	7.269	105	129759	4.17	ng	#	86
24) Nitrobenzene	7.445	77	100984	4.52	ng		97
25) Isophorone	7.681	82	169274	3.89	ng		99
26) 2-Nitrophenol	7.763	139	27417	3.64	ng		98
27) 2,4-Dimethylphenol	7.792	122	85484	4.17	ng		96
28) bis(2-Chloroethoxy)met...	7.892	93	104005	3.91	ng		99
29) 2,4-Dichlorophenol	7.998	162	67116	3.70	ng		94
30) 1,2,4-Trichlorobenzene	8.092	180	79251	3.95	ng		96
31) Naphthalene	8.169	128	262163	4.13	ng		99
32) Benzoic acid	7.834	122	19040	2.06	ng		93
33) 4-Chloroaniline	8.210	127	109643	3.96	ng		99
34) Hexachlorobutadiene	8.292	225	45233	3.93	ng		97
35) Caprolactam	8.534	113	20813	3.62	ng		94
36) 4-Chloro-3-methylphenol	8.681	107	71443	3.77	ng		97
37) 2-Methylnaphthalene	8.863	142	172476	4.11	ng		98
38) 1-Methylnaphthalene	8.963	142	161818	4.12	ng		98
40) 1,2,4,5-Tetrachloroben...	9.028	216	80745	4.17	ng		98
41) Hexachlorocyclopentadiene	9.022	237	41334	3.65	ng		98
43) 2,4,6-Trichlorophenol	9.134	196	46172	3.67	ng		100

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111020\
Data File : BF122294.D
Acq On : 10 Nov 2020 12:49
Operator : JU/CG
Sample : L4214-02
Misc : LOQ-SOIL-5ppm
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

Manual Integrations APPROVED
mohammad
11/11/2020 10:31:59 AM

Quant Time: Nov 10 13:17:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 13:10:47 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	48142	3.65	ng		97
46) 1,1'-Biphenyl	9.328	154	215934	4.32	ng		95
47) 2-Chloronaphthalene	9.351	162	165120	4.16	ng		97
48) 2-Nitroaniline	9.433	65	36674	3.76	ng		92
49) Acenaphthylene	9.763	152	248863	4.08	ng		99
50) Dimethylphthalate	9.616	163	178228	3.99	ng		99
51) 2,6-Dinitrotoluene	9.675	165	33012	3.82	ng		95
52) Acenaphthene	9.933	154	155849	4.13	ng		99
53) 3-Nitroaniline	9.839	138	36713	3.68	ng	#	90
54) 2,4-Dinitrophenol	9.945	184	5073	1.92	ng	#	1
55) Dibenzofuran	10.104	168	230354	4.16	ng		99
56) 4-Nitrophenol	9.986	139	26221	3.08	ng		88
57) 2,4-Dinitrotoluene	10.075	165	36422	3.49	ng		95
58) Fluorene	10.451	166	182113	4.30	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	40351m	3.68	ng		
60) Diethylphthalate	10.322	149	176460	4.03	ng		98
61) 4-Chlorophenyl-phenyle...	10.445	204	85482	4.27	ng		99
62) 4-Nitroaniline	10.445	138	35709	3.63	ng		91
63) Azobenzene	10.604	77	183865	4.00	ng		98
65) 4,6-Dinitro-2-methylph...	10.480	198	8689	2.01	ng		84
66) n-Nitrosodiphenylamine	10.557	169	155644	4.02	ng		97
67) 4-Bromophenyl-phenylether	10.933	248	52477	3.93	ng		98
68) Hexachlorobenzene	10.998	284	59214	4.11	ng		99
69) Atrazine	11.080	200	42481	4.41	ng		97
70) Pentachlorophenol	11.186	266	24928	3.00	ng		98
71) Phenanthrene	11.410	178	272102	4.22	ng		99
72) Anthracene	11.463	178	276741	4.17	ng		97
73) Carbazole	11.610	167	245781	4.07	ng		98
74) Di-n-butylphthalate	11.951	149	244917	3.80	ng		99
75) Fluoranthene	12.598	202	269851	4.01	ng		97
77) Benzidine	12.716	184	119783	4.18	ng	#	96
78) Pyrene	12.827	202	288230	3.97	ng		98
80) Butylbenzylphthalate	13.451	149	79933	3.06	ng		97
81) Benzo(a)anthracene	14.016	228	266532	4.15	ng		97
82) 3,3'-Dichlorobenzidine	13.974	252	86837	3.63	ng		99
83) Chrysene	14.051	228	267824	4.14	ng		98
84) Bis(2-ethylhexyl)phtha...	14.016	149	126072	3.60	ng		99
85) Di-n-octyl phthalate	14.627	149	175666	2.96	ng		100
87) Indeno(1,2,3-cd)pyrene	16.939	276	228036	3.70	ng		99
88) Benzo(b)fluoranthene	15.057	252	245921	3.69	ng		98
89) Benzo(k)fluoranthene	15.086	252	241162	3.71	ng		99
90) Benzo(a)pyrene	15.421	252	209123	3.60	ng		99
91) Dibenzo(a,h)anthracene	16.962	278	192615	3.73	ng		98
92) Benzo(g,h,i)perylene	17.380	276	187111	3.72	ng		96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111020\
Data File : BF122294.D
Acq On : 10 Nov 2020 12:49
Operator : JU/CG
Sample : L4214-02
Misc : LOQ-SOIL-5ppm
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 10 13:17:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 10 13:10:47 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
LOQ-SOIL-02-QT4-2020

Manual Integrations APPROVED
mohammad
11/11/2020 10:31:59 AM