Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
Data File : BF126612.D
Acq On : 20 Jan 2022 15:51
Operator : CG/JU
Sample : N1189-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/21/2022

Quant Time: Jan 20 16:39:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 19 07:04:14 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	85735	20.000	ng		0.00
21) Naphthalene-d8	8.251	136	336926	20.000	ng		0.00
39) Acenaphthene-d10	10.010	164	176313	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	265091	20.000	ng		0.00
76) Chrysene-d12	14.151	240	156645	20.000	ng	#	0.00
86) Perylene-d12	15.680	264	186007	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.592	112	819749	125.819	ng		0.01
7) Phenol-d6	6.581	99	1133782	125.249	ng		0.00
23) Nitrobenzene-d5	7.528	82	835999	97.119	ng		0.00
42) 2,4,6-Tribromophenol	10.798	330	188494	114.238	ng		0.00
45) 2-Fluorobiphenyl	9.328	172	947195	82.276	ng		0.00
79) Terphenyl-d14	13.086	244	715203	76.580	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.887	88	163816	51.016	ng		89
3) Pyridine	3.640	79	379995	42.245	ng	#	84
4) n-Nitrosodimethylamine	3.610	42	172788	54.290	ng		91
6) Aniline	6.628	93	421816	37.186	ng		98
8) 2-Chlorophenol	6.745	128	324074	54.230	ng		89
9) Benzaldehyde	6.522	77	283942	52.061	ng		85
10) Phenol	6.592	94	520727	54.085	ng		89
11) bis(2-Chloroethyl)ether	6.698	93	416749	53.341	ng		95
12) 1,3-Dichlorobenzene	6.904	146	351253	52.946	ng	#	91
13) 1,4-Dichlorobenzene	6.981	146	356542	53.220	ng		95
14) 1,2-Dichlorobenzene	7.134	146	338287	53.562	ng		97
15) Benzyl Alcohol	7.098	79	405678	50.267	ng	#	88
16) 2,2'-oxybis(1-Chloropr...	7.234	45	461256	51.747	ng		85
17) 2-Methylphenol	7.204	107	307638	52.362	ng	#	91
18) Hexachloroethane	7.481	117	144741	53.509	ng	#	90
19) n-Nitroso-di-n-propyla...	7.375	70	331014	50.102	ng	#	86
20) 3+4-Methylphenols	7.357	107	386024	50.673	ng	#	81
22) Acetophenone	7.375	105	537754	51.791	ng	#	91
24) Nitrobenzene	7.545	77	499690	56.231	ng	#	84
25) Isophorone	7.781	82	840597	50.354	ng	#	92
26) 2-Nitrophenol	7.863	139	149956	64.690	ng	#	69
27) 2,4-Dimethylphenol	7.886	122	314044	57.088	ng		84
28) bis(2-Chloroethoxy)met...	7.992	93	497213	47.756	ng		98
29) 2,4-Dichlorophenol	8.098	162	264425	50.673	ng		97
30) 1,2,4-Trichlorobenzene	8.186	180	281214	50.253	ng		98
31) Naphthalene	8.269	128	920791	50.589	ng		100
32) Benzoic acid	7.998	122	198041	63.463	ng	#	66
33) 4-Chloroaniline	8.310	127	100373	13.803	ng	#	89
34) Hexachlorobutadiene	8.381	225	176576	49.605	ng		96
35) Caprolactam	8.681	113	89397m	47.973	ng		
36) 4-Chloro-3-methylphenol	8.786	107	333439	48.863	ng	#	85
37) 2-Methylnaphthalene	8.963	142	585642	51.737	ng		97
38) 1-Methylnaphthalene	9.063	142	535975	48.851	ng		98
40) 1,2,4,5-Tetrachloroben...	9.128	216	267824	54.158	ng		98
41) Hexachlorocyclopentadiene	9.116	237	363026	120.570	ng		97
43) 2,4,6-Trichlorophenol	9.233	196	180749	51.271	ng		97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
Data File : BF126612.D
Acq On : 20 Jan 2022 15:51
Operator : CG/JU
Sample : N1189-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 20 16:39:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 19 07:04:14 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/21/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	183867	50.358	ng		90
46) 1,1'-Biphenyl	9.428	154	709203	53.391	ng		96
47) 2-Chloronaphthalene	9.451	162	538757	51.625	ng		97
48) 2-Nitroaniline	9.545	65	223337	61.982	ng		88
49) Acenaphthylene	9.869	152	847927	51.797	ng		99
50) Dimethylphthalate	9.727	163	604213	48.317	ng		100
51) 2,6-Dinitrotoluene	9.786	165	127645	59.071	ng	#	70
52) Acenaphthene	10.045	154	549613	54.917	ng		97
53) 3-Nitroaniline	9.951	138	63211	25.585	ng	#	72
54) 2,4-Dinitrophenol	10.057	184	92647	85.973	ng	#	74
55) Dibenzofuran	10.216	168	730828	48.592	ng		96
56) 4-Nitrophenol	10.104	139	197035	100.154	ng	#	59
57) 2,4-Dinitrotoluene	10.192	165	167811	64.087	ng	#	93
58) Fluorene	10.557	166	551652	48.581	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.327	232	147634	49.457	ng		88
60) Diethylphthalate	10.427	149	578365	46.527	ng		98
61) 4-Chlorophenyl-phenyle...	10.551	204	268655	47.372	ng		90
62) 4-Nitroaniline	10.569	138	115033	47.976	ng	#	62
63) Azobenzene	10.710	77	867592	47.162	ng		91
65) 4,6-Dinitro-2-methylph...	10.592	198	63770	49.991	ng		84
66) n-Nitrosodiphenylamine	10.669	169	469375	52.454	ng		99
67) 4-Bromophenyl-phenylether	11.039	248	161998	53.024	ng		96
68) Hexachlorobenzene	11.104	284	178100	54.638	ng		92
69) Atrazine	11.192	200	142449	49.845	ng		94
70) Pentachlorophenol	11.298	266	184212	97.185	ng		98
71) Phenanthrene	11.527	178	776004	51.238	ng		99
72) Anthracene	11.574	178	790148	51.999	ng		100
73) Carbazole	11.727	167	634363	44.466	ng		99
74) Di-n-butylphthalate	12.057	149	785648	45.668	ng	#	98
75) Fluoranthene	12.716	202	658288	44.006	ng		97
77) Benzidine	12.833	184	240989	44.596	ng		97
78) Pyrene	12.945	202	654106	51.636	ng		99
80) Butylbenzylphthalate	13.563	149	250643	45.543	ng	#	91
81) Benzo(a)anthracene	14.139	228	546988	51.374	ng		98
82) 3,3'-Dichlorobenzidine	14.098	252	106840	30.546	ng	#	95
83) Chrysene	14.174	228	539173	52.629	ng		98
84) Bis(2-ethylhexyl)phtha...	14.121	149	325061	43.613	ng		99
85) Di-n-octyl phthalate	14.757	149	579670	50.798	ng		96
87) Indeno(1,2,3-cd)pyrene	17.251	276	725068	63.090	ng	#	88
88) Benzo(b)fluoranthene	15.227	252	650673	52.750	ng	#	94
89) Benzo(k)fluoranthene	15.262	252	565075	46.657	ng	#	94
90) Benzo(a)pyrene	15.615	252	614311	61.210	ng	#	93
91) Dibenzo(a,h)anthracene	17.274	278	609528	64.021	ng	#	91
92) Benzo(g,h,i)perylene	17.727	276	623088	66.743	ng	#	87

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012022\
Data File : BF126612.D
Acq On : 20 Jan 2022 15:51
Operator : CG/JU
Sample : N1189-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 20 16:39:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 19 07:04:14 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MTR-SOIL-2MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/21/2022
Supervised By :mohammad ahmed 01/21/2022