Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
Data File : BF122388.D
Acq On : 19 Nov 2020 19:08
Operator : JU/CG
Sample : L4776-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ND-SOILMSD

Manual Integrations APPROVED
mohammad
11/24/2020 8:54:18 AM

Quant Time: Nov 20 00:03:19 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 12:25:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	0.000	152	0	0.00	ng		-6.87
21) Naphthalene-d8	8.175	136	311	20.00	ng		# 0.02
39) Acenaphthene-d10	10.063	164	93450	20.00	ng		# 0.15
64) Phenanthrene-d10	11.445	188	822	20.00	ng		# 0.05
76) Chrysene-d12	14.233	240	2337	20.00	ng		# 0.20
86) Perylene-d12	0.000	264	0	0.00	ng		-15.50
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1820238	0.00	ng		0.02
7) Phenol-d6	6.498	99	2173284	0.00	ng		0.00
23) Nitrobenzene-d5	7.434	82	1628349	320537.27	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	865671	863.10	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	2914635	487.32	ng		0.00
79) Terphenyl-d14	12.980	244	3399690	30818.38	ng		0.00
Target Compounds							Qvalue
22) Acetophenone	7.281	105	1108447	136833.38	ng	#	85
24) Nitrobenzene	7.451	77	902696	155307.90	ng		95
25) Isophorone	7.692	82	1651397	145815.73	ng		96
26) 2-Nitrophenol	7.763	139	444495	151147.47	ng		99
27) 2,4-Dimethylphenol	7.804	122	765792	143360.83	ng		98
28) bis(2-Chloroethoxy)met...	7.898	93	1035393	149474.90	ng		99
29) 2,4-Dichlorophenol	8.004	162	749952	158572.97	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	778433	149129.25	ng		97
31) Naphthalene	8.175	128	2423844	146593.34	ng		98
32) Benzoic acid	7.922	122	446645	126000.24	ng		97
33) 4-Chloroaniline	8.210	127	217792	30244.95	ng		97
34) Hexachlorobutadiene	8.292	225	461614	153862.48	ng		100
35) Caprolactam	8.598	113	204521m	136434.24	ng		
36) 4-Chloro-3-methylphenol	8.704	107	780248	158176.26	ng		93
37) 2-Methylnaphthalene	8.863	142	1641908	150308.88	ng		98
38) 1-Methylnaphthalene	8.963	142	1542065	150811.65	ng		99
40) 1,2,4,5-Tetrachloroben...	9.034	216	756970	262.87	ng		99
41) Hexachlorocyclopentadiene	9.022	237	841087	499.54	ng		99
43) 2,4,6-Trichlorophenol	9.139	196	552391m	295.37	ng		
44) 2,4,5-Trichlorophenol	9.186	196	599089	305.58	ng		96
46) 1,1'-Biphenyl	9.334	154	1958642	263.31	ng		98
47) 2-Chloronaphthalene	9.357	162	1570633	266.04	ng		97
48) 2-Nitroaniline	9.445	65	485384	251.43	ng		93
49) Acenaphthylene	9.775	152	2416744	266.33	ng		99
50) Dimethylphthalate	9.633	163	2076597	312.62	ng		99
51) 2,6-Dinitrotoluene	9.692	165	446137	281.63	ng	#	81
52) Acenaphthene	9.945	154	1678955	298.94	ng		99
53) 3-Nitroaniline	9.851	138	167301	95.56	ng		97
54) 2,4-Dinitrophenol	9.963	184	383305	252.41	ng		90
55) Dibenzofuran	10.116	168	2232259	271.27	ng		99
56) 4-Nitrophenol	10.022	139	661731	431.28	ng		98
57) 2,4-Dinitrotoluene	10.098	165	603015	296.62	ng	#	81
58) Fluorene	10.457	166	1679301	266.51	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	515054	315.91	ng		98
60) Diethylphthalate	10.333	149	1840724	282.49	ng		98
61) 4-Chlorophenyl-phenyle...	10.451	204	825527	277.53	ng		98

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
Data File : BF122388.D
Acq On : 19 Nov 2020 19:08
Operator : JU/CG
Sample : L4776-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ND-SOILMSD

Manual Integrations APPROVED
mohammad
11/24/2020 8:54:18 AM

Quant Time: Nov 20 00:03:19 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 12:25:42 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
62) 4-Nitroaniline	10.475	138	447446	255.88	ng		97
63) Azobenzene	10.610	77	1788483	261.62	ng		95
65) 4,6-Dinitro-2-methylph...	10.504	198	281719	3005.00	ng		89
66) n-Nitrosodiphenylamine	10.569	169	1583164	56527.91	ng		94
67) 4-Bromophenyl-phenylether	10.939	248	583358	60392.60	ng		98
68) Hexachlorobenzene	11.004	284	636333	60972.90	ng		97
69) Atrazine	11.098	200	463384	66436.29	ng		96
70) Pentachlorophenol	11.198	266	756909	125884.92	ng		99
71) Phenanthrene	11.422	178	2594096m	55621.64	ng		
72) Anthracene	11.469	178	2643800	55002.80	ng		98
73) Carbazole	11.622	167	2442862	55865.23	ng		99
74) Di-n-butylphthalate	11.957	149	2740125	58779.91	ng		99
75) Fluoranthene	12.610	202	2748470	56449.00	ng		97
77) Benzidine	12.980	184	45626	703.90	ng	#	92
78) Pyrene	12.839	202	2791735	17003.77	ng		99
80) Butylbenzylphthalate	13.457	149	1217665	17230.43	ng		90
81) Benzo(a)anthracene	14.021	228	2373940m	16333.54	ng		
82) 3,3'-Dichlorobenzidine	13.980	252	404200	7462.64	ng		99
83) Chrysene	14.063	228	2463689	16829.57	ng		97
84) Bis(2-ethylhexyl)phtha...	14.016	149	1474504	18626.07	ng	#	97
85) Di-n-octyl phthalate	14.627	149	2655109	19789.56	ng		96

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111920\
Data File : BF122388.D
Acq On : 19 Nov 2020 19:08
Operator : JU/CG
Sample : L4776-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Nov 20 00:03:19 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 12:25:42 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ND-SOILMSD

Manual Integrations APPROVED
mohammad
11/24/2020 8:54:18 AM