Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030921\
Data File : BN013890.D
Acq On : 09 Mar 2021 13:55
Operator : CG/JU
Sample : M1534-12
Misc : SOM-MDL-S-05
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-SOIL-05

Manual Integrations APPROVED
mohammad
3/10/2021 11:53:52 AM

Quant Time: Mar 09 14:28:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 09 09:50:00 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	154193	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	634881	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	371912	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.09	188	768307	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	779248	20.00	ng/ul	0.00
86) Perylene-d12	23.49	264	762204	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	16844	4.34	ng/uL	0.00
5) Phenol-d5	6.88	99	405103	32.49	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	271326	35.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	328786	34.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	301451	31.92	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	149056	35.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	139971	34.49	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	284843	32.13	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	415685	37.87	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	844083	33.80	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	1115941	33.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	135814	28.99	ng/ul	0.00
58) Fluorene-d10	15.35	176	757813	34.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.46	200	89471	25.05	ng/ul	0.00
71) Anthracene-d10	17.19	188	1117903	33.29	ng/ul	0.00
79) Pyrene-d10	19.48	212	1236944	32.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.35	264	1315885	34.68	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	3149	0.799	ng/uL#	87
4) Benzaldehyde	6.86	77	26784	4.267	ng/ul	96
6) Phenol	6.91	94	44441	3.325	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.15	93	35760	3.421	ng/ul	97
10) 2-Chlorophenol	7.28	128	34609	3.407	ng/ul	98
11) 2-Methylphenol	8.15	108	27594	2.862	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.25	45	53566	3.356	ng/ul	96
14) Acetophenone	8.53	105	50790	3.264	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.52	70	23005	2.979	ng/ul	97
16) 4-Methylphenol	8.48	108	33718	3.223	ng/ul	98
17) Hexachloroethane	8.79	117	14329	3.325	ng/ul	92
20) Nitrobenzene	8.91	77	40530	3.487	ng/ul	98
21) Isophorone	9.43	82	57820	2.837	ng/ul	96
23) 2-Nitrophenol	9.62	139	16242	3.421	ng/ul	95
24) 2,4-Dimethylphenol	9.68	107	36041	3.223	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.92	93	43812	3.220	ng/ul	99
27) 2,4-Dichlorophenol	10.14	162	31239	3.424	ng/ul#	85
28) Naphthalene	10.55	128	114373	3.475	ng/ul	99
30) 4-Chloroaniline	10.66	127	45139	3.958	ng/ul	98
31) Hexachlorobutadiene	10.83	225	19892	3.424	ng/ul	93
32) Caprolactam	11.42	113	5093m	1.844	ng/ul	
33) 4-Chloro-3-methylphenol	11.78	107	25457	2.738	ng/ul	95
34) 2-Methylnaphthalene	12.16	142	76660	3.409	ng/ul	94

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030921\
Data File : BN013890.D
Acq On : 09 Mar 2021 13:55
Operator : CG/JU
Sample : M1534-12
Misc : SOM-MDL-S-05
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-05

Manual Integrations APPROVED
mohammad
3/10/2021 11:53:52 AM

Quant Time: Mar 09 14:28:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 09 09:50:00 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.38	142	73173	3.376 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	38622	3.449 ng/ul	98
38) Hexachlorocyclopentadiene	12.52	237	18831	2.824 ng/ul	97
39) 2,4,6-Trichlorophenol	12.77	196	16130	2.496 ng/ul	93
40) 2,4,5-Trichlorophenol	12.84	196	19654	2.772 ng/ul	98
41) 1,1'-Biphenyl	13.18	154	96769	3.460 ng/ul	98
42) 2-Chloronaphthalene	13.22	162	74268	3.397 ng/ul	97
43) 2-Nitroaniline	13.42	65	13192	2.327 ng/ul	96
45) Dimethylphthalate	13.81	163	87710	3.394 ng/ul	100
46) 2,6-Dinitrotoluene	13.92	165	11401	2.462 ng/ul	91
48) Acenaphthylene	14.07	152	112412	3.511 ng/ul	98
49) 3-Nitroaniline	14.25	138	12487	2.480 ng/ul	86
50) Acenaphthene	14.42	153	80630	3.452 ng/ul	99
51) 2,4-Dinitrophenol	14.45	184	4439	1.821 ng/ul	93
53) 4-Nitrophenol	14.55	109	11513	3.051 ng/ul#	79
54) Dibenzofuran	14.75	168	112667	3.499 ng/ul	100
55) 2,4-Dinitrotoluene	14.71	165	17633	2.665 ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	14.97	232	13947	2.548 ng/ul#	96
57) Diethylphthalate	15.18	149	79316	3.071 ng/ul	98
59) Fluorene	15.40	166	90696	3.461 ng/ul	98
60) 4-Chlorophenyl-phenylether	15.40	204	44177	3.514 ng/ul	99
61) 4-Nitroaniline	15.41	138	13577	2.353 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.47	198	10574	2.811 ng/ul#	87
65) N-Nitrosodiphenylamine	15.61	169	72091	3.258 ng/ul	96
66) 4-Bromophenyl-phenylether	16.29	248	23809	3.235 ng/ul	97
67) Hexachlorobenzene	16.40	284	28568	3.250 ng/ul#	91
68) Atrazine	16.56	200	18370	2.403 ng/ul	99
69) Pentachlorophenol	16.74	266	8833	1.907 ng/ul	98
70) Phenanthrene	17.13	178	144029	3.460 ng/ul	98
72) Anthracene	17.23	178	146397	3.460 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	38196	3.395 ng/uL	94
74) Pentachlorobenzene	14.67	250	35475	3.347 ng/uL	95
75) Carbazole	17.50	167	110726	2.933 ng/ul	99
76) Di-n-butylphthalate	18.06	149	99178	2.348 ng/ul	99
77) Fluoranthene	19.15	202	144391	3.137 ng/ul	99
80) Pyrene	19.51	202	169595	3.380 ng/ul	97
81) Butylbenzylphthalate	20.42	149	34419	1.993 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.19	252	29069	1.988 ng/ul	96
83) Benzo(a)anthracene	21.25	228	142914	2.980 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.19	149	53569	1.853 ng/ul#	99
85) Chrysene	21.30	228	155626	3.334 ng/ul	99
87) Di-n-octyl phthalate	22.07	149	84466	1.774 ng/ul	100
88) Benzo(b)fluoranthene	22.83	252	144354	3.117 ng/ul	96
89) Benzo(k)fluoranthene	22.87	252	149675	3.222 ng/ul	99
91) Benzo(a)pyrene	23.40	252	146085	3.480 ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.73	276	165785	3.161 ng/ul	98
93) Dibenzo(a,h)anthracene	25.73	278	140087	3.132 ng/ul	98
94) Benzo(g,h,i)perylene	26.41	276	138144m	3.136 ng/ul	

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030921\
Data File : BN013890.D
Acq On : 09 Mar 2021 13:55
Operator : CG/JU
Sample : M1534-12
Misc : SOM-MDL-S-05
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-05

Manual Integrations APPROVED
mohammad
3/10/2021 11:53:52 AM

Quant Time: Mar 09 14:28:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 09 09:50:00 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030921\
Data File : BN013890.D
Acq On : 09 Mar 2021 13:55
Operator : CG/JU
Sample : M1534-12
Misc : SOM-MDL-S-05
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 09 14:28:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN030421MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 09 09:50:00 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
MDL-SOIL-05

Manual Integrations APPROVED
mohammad
3/10/2021 11:53:52 AM