Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031721\
Data File : BN013970.D
Acq On : 17 Mar 2021 14:58
Operator : CG/JU
Sample : M1344-05
Misc : SFAM-MDL-MES-01
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2021-03

Quant Time: Mar 17 15:26:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN031721.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 17 10:09:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	142641	20.00	ng/ul	0.00
20) Naphthalene-d8	10.49	136	581320	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.35	164	343848	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.09	188	706606	20.00	ng/ul	0.00
79) Chrysene-d12	21.27	240	697322	20.00	ng/ul	0.00
88) Perylene-d12	23.50	264	738597	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	18478	5.10	ng/uL	0.00
4) Pyridine-d5	3.61	84	281239	28.32	ng/ul	0.00
7) Phenol-d5	6.87	99	410494	33.97	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.05	67	267933	35.40	ng/ul	0.00
11) 2-Chlorophenol-d4	7.24	132	336007	36.85	ng/ul	0.00
15) 4-Methylphenol-d8	8.40	113	303418	32.72	ng/ul	0.00
21) Nitrobenzene-d5	8.86	128	148885	36.74	ng/ul	0.00
24) 2-Nitrophenol-d4	9.58	143	145211	37.84	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.10	165	294156	35.55	ng/ul	0.00
31) 4-Chloroaniline-d4	10.62	131	425307	33.54	ng/ul	0.00
46) Dimethylphthalate-d6	13.76	166	857713	35.97	ng/ul	0.00
49) Acenaphthylene-d8	14.03	160	1128785	38.81	ng/ul	0.00
54) 4-Nitrophenol-d4	14.54	143	143684	31.07	ng/ul	0.00
60) Fluorene-d10	15.34	176	778864	36.69	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.46	200	102912	29.14	ng/ul	0.00
73) Anthracene-d10	17.19	188	1180461	36.26	ng/ul	0.00
81) Pyrene-d10	19.48	212	1260639	35.79	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.36	264	1423198	38.26	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	4868	1.309	ng/uL#	85
5) Pyridine	3.63	79	48030	4.699	ng/ul#	59
6) Benzaldehyde	6.85	77	31586	5.274	ng/ul	97
8) Phenol	6.90	94	59622	4.537	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.13	93	47563	4.614	ng/ul	98
12) 2-Chlorophenol	7.27	128	47788	4.829	ng/ul	99
13) 2-Methylphenol	8.15	108	38223	4.026	ng/ul	97
14) 2,2'-oxybis(1-Chloropropan	8.23	45	71315	4.605	ng/ul	99
16) Acetophenone	8.52	105	67925	4.413	ng/ul	97
17) N-Nitroso-di-n-propylamine	8.50	70	30574	4.288	ng/ul	98
18) 4-Methylphenol	8.47	108	46693	4.495	ng/ul	96
19) Hexachloroethane	8.78	117	18883	4.612	ng/ul	99
22) Nitrobenzene	8.90	77	52462	4.807	ng/ul	98
23) Isophorone	9.42	82	75255	4.076	ng/ul	97
25) 2-Nitrophenol	9.60	139	22261	4.949	ng/ul	98
26) 2,4-Dimethylphenol	9.66	107	48082	4.541	ng/ul	98
27) Bis(2-Chloroethoxy)methane	9.90	93	58978	4.608	ng/ul	99
29) 2,4-Dichlorophenol	10.13	162	42481	4.899	ng/ul	96
30) Naphthalene	10.54	128	152390	4.774	ng/ul	99
32) 4-Chloroaniline	10.65	127	62298	4.743	ng/ul	98
33) Hexachlorobutadiene	10.83	225	26716	4.850	ng/ul	97
34) Caprolactam	11.41	113	7129	2.742	ng/ul	93

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031721\
Data File : BN013970.D
Acq On : 17 Mar 2021 14:58
Operator : CG/JU
Sample : M1344-05
Misc : SFAM-MDL-MES-01
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : MDL-MED-SOIL-QT2-2021-03

Quant Time: Mar 17 15:26:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN031721.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 17 10:09:09 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	11.77	107	35666	4.059	ng/ul	97
36) 2-Methylnaphthalene	12.15	142	103303	4.761	ng/ul	96
37) 1-Methylnaphthalene	12.38	142	99712	4.634	ng/ul	98
39) 1,2,4,5-Tetrachlorobenzene	12.53	216	51338	4.738	ng/ul	99
40) Hexachlorocyclopentadiene	12.51	237	25282	3.862	ng/ul	97
41) 2,4,6-Trichlorophenol	12.76	196	23746	3.927	ng/ul	94
42) 2,4,5-Trichlorophenol	12.83	196	27920	4.126	ng/ul	90
43) 1,1'-Biphenyl	13.18	154	131250	4.763	ng/ul	99
44) 2-Chloronaphthalene	13.22	162	101141	4.712	ng/ul	98
45) 2-Nitroaniline	13.42	65	18880	3.627	ng/ul	95
47) Dimethylphthalate	13.80	163	121830	4.872	ng/ul	99
48) 2,6-Dinitrotoluene	13.92	165	16404	3.700	ng/ul	97
50) Acenaphthylene	14.06	152	151174	4.839	ng/ul	99
51) 3-Nitroaniline	14.25	138	17629	3.330	ng/ul	94
52) Acenaphthene	14.41	153	108693	4.778	ng/ul	99
53) 2,4-Dinitrophenol	14.45	184	6139	2.501	ng/ul	93
55) 4-Nitrophenol	14.55	109	16310	4.332	ng/ul	85
56) Dibenzofuran	14.75	168	152849	4.861	ng/ul	99
57) 2,4-Dinitrotoluene	14.71	165	26831	4.217	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.97	232	20438	3.901	ng/ul	93
59) Diethylphthalate	15.17	149	108964	4.462	ng/ul	98
61) Fluorene	15.40	166	122766	4.836	ng/ul	99
62) 4-Chlorophenyl-phenylether	15.39	204	59330	4.842	ng/ul	98
63) 4-Nitroaniline	15.41	138	18410	3.512	ng/ul	98
66) 4,6-Dinitro-2-methylphenol	15.47	198	15198	4.076	ng/ul#	84
67) N-Nitrosodiphenylamine	15.60	169	100457	4.672	ng/ul	98
68) 4-Bromophenyl-phenylether	16.29	248	33681	4.665	ng/ul	99
69) Hexachlorobenzene	16.40	284	40027	4.783	ng/ul	97
70) Atrazine	16.56	200	26676	3.665	ng/ul	96
71) Pentachlorophenol	16.74	266	12908	2.874	ng/ul	96
72) Phenanthrene	17.13	178	195662	4.859	ng/ul	99
74) Anthracene	17.22	178	196572	4.777	ng/ul	97
75) 1,2,3,4-Tetrachlorobenzene	13.14	216	50994	4.632	ng/uL	99
76) Pentachlorobenzene	14.66	250	46477	4.230	ng/uL	96
77) Carbazole	17.49	167	161922	4.429	ng/ul	99
78) Di-n-butylphthalate	18.06	149	148170	3.927	ng/ul	99
80) Fluoranthene	19.15	202	205540	4.677	ng/ul	98
82) Pyrene	19.51	202	232053	4.923	ng/ul	98
83) Butylbenzylphthalate	20.42	149	51617	3.445	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.19	252	41124	3.350	ng/ul	97
85) Benzo(a)anthracene	21.26	228	210999	4.711	ng/ul	99
86) Bis(2-ethylhexyl)phthalate	21.19	149	81764	3.531	ng/ul	99
87) Chrysene	21.30	228	217766	4.954	ng/ul	97
89) Di-n-octyl phthalate	22.07	149	131933	2.839	ng/ul	100
90) Benzo(b)fluoranthene	22.83	252	215704	4.595	ng/ul	98
91) Benzo(k)fluoranthene	22.87	252	202093	4.288	ng/ul	99
93) Benzo(a)pyrene	23.40	252	208345	4.929	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.73	276	240356	4.514	ng/ul	97
95) Dibenzo(a,h)anthracene	25.74	278	203287	4.530	ng/ul	99
96) Benzo(g,h,i)perylene	26.42	276	200724	4.556	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN031721\
Data File : BN013970.D
Acq On : 17 Mar 2021 14:58
Operator : CG/JU
Sample : M1344-05
Misc : SFAM-MDL-MES-01
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2021-03

Quant Time: Mar 17 15:26:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN031721.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 17 10:09:09 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\BN031721\
Data File : BN013970.D
Acq On : 17 Mar 2021 14:58
Operator : CG/JU
Sample : M1344-05
Misc : SFAM-MDL-MES-01
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT2-2021-03

Quant Time: Mar 17 15:26:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-BN031721.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 17 10:09:09 2021
Response via : Initial Calibration