Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071520\
Data File : BM026769.D
Acq On : 15 Jul 2020 10:21
Operator : JU/CG
Sample : L1955-04
Misc : MDL-SOIL-04
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-04

Manual Integrations APPROVED
mohammad
7/20/2020 11:26:05 AM

Quant Time: Jul 16 16:15:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 10:09:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.31	152	61694	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	244659	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	146439	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	293491	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	291676	20.00	ng/ul	0.00
86) Perylene-d12	23.02	264	339454	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.91	96	3387	1.65	ng/uL	0.00
5) Phenol-d5	6.52	99	148955	26.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	109542	28.67	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	117636	27.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	115345	25.53	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	55160	28.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	60154	29.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.71	165	109905	27.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	143484	33.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	333049	28.51	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	401128	28.42	ng/ul	0.00
52) 4-Nitrophenol-d4	14.24	143	36628	21.73	ng/ul	0.00
58) Fluorene-d10	14.98	176	278902	27.27	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	46574	25.40	ng/ul	0.00
71) Anthracene-d10	16.83	188	422343	29.22	ng/ul	0.00
79) Pyrene-d10	19.14	212	471862	31.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	497884	27.18	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.94	88	2773	1.248	ng/uL	93
4) Benzaldehyde	6.47	77	10355m	3.451	ng/ul	
6) Phenol	6.55	94	21194	3.412	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.76	93	17535	3.707	ng/ul	99
10) 2-Chlorophenol	6.88	128	16961	3.544	ng/ul	93
11) 2-Methylphenol	7.78	108	14479	3.262	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	7.85	45	35549	3.874	ng/ul	97
14) Acetophenone	8.13	105	26055	3.403	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.12	70	15779	3.489	ng/ul	92
16) 4-Methylphenol	8.10	108	16257	3.295	ng/ul	97
17) Hexachloroethane	8.35	117	7858	3.705	ng/ul	96
20) Nitrobenzene	8.50	77	21946	3.597	ng/ul	98
21) Isophorone	9.02	82	36033	3.513	ng/ul	99
23) 2-Nitrophenol	9.20	139	9107	3.815	ng/ul	93
24) 2,4-Dimethylphenol	9.28	107	17657	3.212	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.51	93	21874	3.587	ng/ul	99
27) 2,4-Dichlorophenol	9.73	162	15545	3.724	ng/ul	94
28) Naphthalene	10.11	128	52167	3.602	ng/ul	99
30) 4-Chloroaniline	10.24	127	19817	4.384	ng/ul	98
31) Hexachlorobutadiene	10.40	225	11971	3.957	ng/ul	98
32) Caprolactam	11.07	113	3023m	2.622	ng/ul	
33) 4-Chloro-3-methylphenol	11.40	107	14791	3.114	ng/ul	96
34) 2-Methylnaphthalene	11.74	142	36088	3.557	ng/ul	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071520\
Data File : BM026769.D
Acq On : 15 Jul 2020 10:21
Operator : JU/CG
Sample : L1955-04
Misc : MDL-SOIL-04
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-04

Manual Integrations APPROVED
mohammad
7/20/2020 11:26:05 AM

Quant Time: Jul 16 16:15:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 10:09:26 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	11.96	142	34381	3.636 ng/ul	93
37) 1,2,4,5-Tetrachlorobenzene	12.12	216	19910	3.741 ng/ul	94
38) Hexachlorocyclopentadiene	12.10	237	2990	1.101 ng/ul	94
39) 2,4,6-Trichlorophenol	12.40	196	10172	3.237 ng/ul	99
40) 2,4,5-Trichlorophenol	12.48	196	9446	2.749 ng/ul	95
41) 1,1'-Biphenyl	12.79	154	46501	3.669 ng/ul	99
42) 2-Chloronaphthalene	12.82	162	35482	3.556 ng/ul	96
43) 2-Nitroaniline	13.07	65	9799	2.921 ng/ul	97
45) Dimethylphthalate	13.45	163	45323	3.707 ng/ul	98
46) 2,6-Dinitrotoluene	13.57	165	6836	2.893 ng/ul#	72
48) Acenaphthylene	13.68	152	54305	3.592 ng/ul	99
49) 3-Nitroaniline	13.92	138	5059	2.576 ng/ul	92
50) Acenaphthene	14.03	153	38225	3.578 ng/ul	98
51) 2,4-Dinitrophenol	14.14	184	2387	1.944 ng/ul	92
53) 4-Nitrophenol	14.25	109	7122m	4.105 ng/ul	
54) Dibenzofuran	14.38	168	54850	3.618 ng/ul	91
55) 2,4-Dinitrotoluene	14.38	165	11095	3.157 ng/ul#	74
56) 2,3,4,6-Tetrachlorophenol	14.62	232	9794	3.311 ng/ul#	91
57) Diethylphthalate	14.84	149	45177	3.676 ng/ul	100
59) Fluorene	15.03	166	43378	3.502 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.04	204	22661	3.520 ng/ul	96
61) 4-Nitroaniline	15.09	138	5285m	2.379 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.14	198	6966	3.587 ng/ul#	70
65) N-Nitrosodiphenylamine	15.26	169	37419	3.813 ng/ul	96
66) 4-Bromophenyl-phenylether	15.94	248	13322	3.765 ng/ul	91
67) Hexachlorobenzene	16.04	284	15370	3.812 ng/ul	95
68) Atrazine	16.23	200	12294	3.845 ng/ul	98
69) Pentachlorophenol	16.41	266	4956	2.493 ng/ul	98
70) Phenanthrene	16.77	178	68766	3.763 ng/ul	98
72) Anthracene	16.86	178	66782	3.622 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.75	216	19608	3.875 ng/uL	95
74) Pentachlorobenzene	14.30	250	19994	4.125 ng/uL	92
75) Carbazole	17.15	167	51053	3.458 ng/ul	98
76) Di-n-butylphthalate	17.73	149	63309	3.544 ng/ul	97
77) Fluoranthene	18.81	202	73457	3.886 ng/ul#	95
80) Pyrene	19.17	202	82151	3.974 ng/ul	97
81) Butylbenzylphthalate	20.11	149	27075	3.692 ng/ul	94
82) 3,3'-Dichlorobenzidine	20.89	252	17094	2.907 ng/ul	91
83) Benzo(a)anthracene	20.94	228	78642	3.917 ng/ul	98
84) Bis(2-ethylhexyl)phthalate	20.90	149	38792	3.552 ng/ul	98
85) Chrysene	20.99	228	77644	3.898 ng/ul	99
87) Di-n-octyl phthalate	21.75	149	65995	3.155 ng/ul	100
88) Benzo(b)fluoranthene	22.42	252	80535	3.493 ng/ul	98
89) Benzo(k)fluoranthene	22.45	252	79934	3.498 ng/ul	98
91) Benzo(a)pyrene	22.92	252	79575	3.890 ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.02	276	93310	3.495 ng/ul#	93
93) Dibenzo(a,h)anthracene	25.02	278	75808	3.371 ng/ul	98
94) Benzo(g,h,i)perylene	25.62	276	78911	3.544 ng/ul	97

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071520\
Data File : BM026769.D
Acq On : 15 Jul 2020 10:21
Operator : JU/CG
Sample : L1955-04
Misc : MDL-SOIL-04
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-04

Manual Integrations APPROVED
mohammad
7/20/2020 11:26:05 AM

Quant Time: Jul 16 16:15:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 10:09:26 2020
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 M\DATA\BM071520\
Data File : BM026769.D
Acq On : 15 Jul 2020 10:21
Operator : JU/CG
Sample : L1955-04
Misc : MDL-SOIL-04
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jul 16 16:15:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 15 10:09:26 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-SOIL-04

Manual Integrations APPROVED
mohammad
7/20/2020 11:26:05 AM