Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030521\
Data File : BP004926.D
Acq On : 05 Mar 2021 20:40
Operator : CG/JU
Sample : M1534-19
Misc : SOM-MDL-ME-S-05
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-05

Manual Integrations APPROVED
mohammad
3/8/2021 9:36:55 AM

Quant Time: Mar 05 23:31:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030521MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 05 22:20:13 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	28201	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	117378	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.39	164	81004	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.15	188	183485	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	207397	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	205771	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	3688	5.31	ng/uL	0.00
5) Phenol-d5	6.91	99	82945	38.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	48349	43.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	67680	39.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.45	113	67266	38.61	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	31489	37.37	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	36903	38.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	65323	34.49	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	85790	41.48	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	223340	38.33	ng/ul	0.00
47) Acenaphthylene-d8	14.08	160	264756	36.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.60	143	34791	34.00	ng/ul	0.00
58) Fluorene-d10	15.39	176	195358	37.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	39447	32.84	ng/ul	0.00
71) Anthracene-d10	17.25	188	306620	37.22	ng/ul	0.00
79) Pyrene-d10	19.49	212	360335	38.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	416252	39.80	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	562	0.827	ng/uL#	94
4) Benzaldehyde	6.88	77	6298	5.837	ng/ul	93
6) Phenol	6.93	94	8608	3.813	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.16	93	6961	4.174	ng/ul	89
10) 2-Chlorophenol	7.30	128	7062	3.940	ng/ul	92
11) 2-Methylphenol	8.18	108	6060	3.515	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.27	45	7076	4.183	ng/ul#	90
14) Acetophenone	8.56	105	11316	3.935	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.55	70	5479	4.066	ng/ul	99
16) 4-Methylphenol	8.51	108	7373	3.989	ng/ul	98
17) Hexachloroethane	8.80	117	3063	3.894	ng/ul#	82
20) Nitrobenzene	8.93	77	9287	4.236	ng/ul	98
21) Isophorone	9.46	82	14015	3.746	ng/ul#	93
23) 2-Nitrophenol	9.65	139	3931	3.788	ng/ul	93
24) 2,4-Dimethylphenol	9.71	107	8665	3.719	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.95	93	9354	4.049	ng/ul	93
27) 2,4-Dichlorophenol	10.18	162	7229	3.888	ng/ul	94
28) Naphthalene	10.58	128	23593	3.849	ng/ul	98
30) 4-Chloroaniline	10.69	127	9164	4.359	ng/ul	98
31) Hexachlorobutadiene	10.86	225	5196	3.518	ng/ul#	88
32) Caprolactam	11.50	113	1780m	3.057	ng/ul	
33) 4-Chloro-3-methylphenol	11.83	107	6957	3.353	ng/ul#	77
34) 2-Methylnaphthalene	12.20	142	16261	3.714	ng/ul	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030521\
Data File : BP004926.D
Acq On : 05 Mar 2021 20:40
Operator : CG/JU
Sample : M1534-19
Misc : SOM-MDL-ME-S-05
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-05

Manual Integrations APPROVED
mohammad
3/8/2021 9:36:55 AM

Quant Time: Mar 05 23:31:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030521MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 05 22:20:13 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	15862	3.740	ng/ul	86
37) 1,2,4,5-Tetrachlorobenzene	12.57	216	10041	3.567	ng/ul	98
38) Hexachlorocyclopentadiene	12.54	237	4960	2.771	ng/ul#	96
39) 2,4,6-Trichlorophenol	12.82	196	5402	3.256	ng/ul	95
40) 2,4,5-Trichlorophenol	12.89	196	5585	3.087	ng/ul	88
41) 1,1'-Biphenyl	13.22	154	21523	3.619	ng/ul#	94
42) 2-Chloronaphthalene	13.26	162	17751	3.732	ng/ul	94
43) 2-Nitroaniline	13.47	65	4452	3.516	ng/ul	82
45) Dimethylphthalate	13.85	163	22965	3.799	ng/ul#	98
46) 2,6-Dinitrotoluene	13.96	165	3812	3.135	ng/ul	92
48) Acenaphthylene	14.10	152	26128	3.825	ng/ul	95
49) 3-Nitroaniline	14.30	138	3415	3.220	ng/ul#	85
50) Acenaphthene	14.45	153	18725	3.759	ng/ul	98
51) 2,4-Dinitrophenol	14.51	184	1823	2.222	ng/ul	90
53) 4-Nitrophenol	14.62	109	4574	4.258	ng/ul#	75
54) Dibenzofuran	14.79	168	27215	3.725	ng/ul	95
55) 2,4-Dinitrotoluene	14.76	165	6108	3.462	ng/ul#	88
56) 2,3,4,6-Tetrachlorophenol	15.02	232	5553	3.285	ng/ul#	96
57) Diethylphthalate	15.22	149	22408	3.750	ng/ul	96
59) Fluorene	15.44	166	22009	3.601	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.44	204	12732	3.750	ng/ul	100
61) 4-Nitroaniline	15.47	138	4059	3.319	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.52	198	4386	3.617	ng/ul#	77
65) N-Nitrosodiphenylamine	15.66	169	18648	3.589	ng/ul	98
66) 4-Bromophenyl-phenylether	16.34	248	7028	3.350	ng/ul	95
67) Hexachlorobenzene	16.45	284	8387	3.488	ng/ul	94
68) Atrazine	16.61	200	6665	3.158	ng/ul#	88
69) Pentachlorophenol	16.80	266	3853	2.589	ng/ul	89
70) Phenanthrene	17.19	178	36284	3.716	ng/ul	98
72) Anthracene	17.28	178	38480	3.869	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.18	216	10563	3.767	ng/uL#	84
74) Pentachlorobenzene	14.71	250	9744	3.440	ng/uL#	86
75) Carbazole	17.56	167	30288	3.511	ng/ul	96
76) Di-n-butylphthalate	18.12	149	33627	3.418	ng/ul	98
77) Fluoranthene	19.16	202	42664	3.549	ng/ul	99
80) Pyrene	19.52	202	46974	3.906	ng/ul	97
81) Butylbenzylphthalate	20.39	149	14346	3.387	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.16	252	14575	3.377	ng/ul	98
83) Benzo(a)anthracene	21.22	228	46830	3.748	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.15	149	21273	3.358	ng/ul#	97
85) Chrysene	21.27	228	47509	3.908	ng/ul	97
87) Di-n-octyl phthalate	22.04	149	37237	3.224	ng/ul	100
88) Benzo(b)fluoranthene	22.83	252	48474	3.807	ng/ul	97
89) Benzo(k)fluoranthene	22.88	252	47093	3.733	ng/ul	99
91) Benzo(a)pyrene	23.43	252	43162	3.832	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	25.88	276	53339	3.660	ng/ul	95
93) Dibenzo(a,h)anthracene	25.89	278	44361	3.562	ng/ul#	92
94) Benzo(g,h,i)perylene	26.60	276	44775	3.683	ng/ul	93

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030521\
Data File : BP004926.D
Acq On : 05 Mar 2021 20:40
Operator : CG/JU
Sample : M1534-19
Misc : SOM-MDL-ME-S-05
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 05 23:31:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030521MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 05 22:20:13 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-05

Manual Integrations APPROVED
mohammad
3/8/2021 9:36:55 AM

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 P\DATA\BP030521\
Data File : BP004926.D
Acq On : 05 Mar 2021 20:40
Operator : CG/JU
Sample : M1534-19
Misc : SOM-MDL-ME-S-05
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 05 23:31:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030521MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 05 22:20:13 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-ME-SOIL-05

Manual Integrations APPROVED
mohammad
3/8/2021 9:36:55 AM