Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030921\
Data File : BP004952.D
Acq On : 09 Mar 2021 20:25
Operator : CG/JU
Sample : M1534-13
Misc : SOM-MDL-S-06
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_P
ClientSampleId : MDL-SOIL-06

Manual Integrations APPROVED
mohammad
3/10/2021 11:54:39 AM

Quant Time: Mar 10 01:01:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030921MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 09 15:13:30 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	28385	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	113128	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	76929	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.14	188	175977	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	198851	20.00	ng/ul	0.00
86) Perylene-d12	23.52	264	203182	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	3791	4.99	ng/uL	0.00
5) Phenol-d5	6.90	99	73850	33.12	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	41880	35.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	58278	33.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	58453	31.12	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	28863	34.64	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	31964	34.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	57766	32.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	76012	38.60	ng/ul	0.00
44) Dimethylphthalate-d6	13.80	166	193200	34.13	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	228335	33.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.59	143	29999	30.84	ng/ul	0.00
58) Fluorene-d10	15.38	176	169542	34.84	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.50	200	32731	29.00	ng/ul	0.00
71) Anthracene-d10	17.24	188	269140	34.12	ng/ul	0.00
79) Pyrene-d10	19.48	212	313288	33.97	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	367428	35.36	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	617	0.837	ng/uL#	73
4) Benzaldehyde	6.88	77	5574	4.827	ng/ul	94
6) Phenol	6.93	94	7879	3.314	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.16	93	5835	3.326	ng/ul	98
10) 2-Chlorophenol	7.30	128	5863	3.222	ng/ul	89
11) 2-Methylphenol	8.18	108	5013	2.774	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.26	45	6116	3.268	ng/ul#	93
14) Acetophenone	8.56	105	9681	3.099	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.54	70	4658	3.135	ng/ul#	86
16) 4-Methylphenol	8.50	108	6366	3.190	ng/ul	87
17) Hexachloroethane	8.80	117	2959	3.496	ng/ul#	71
20) Nitrobenzene	8.93	77	7850	3.507	ng/ul	93
21) Isophorone	9.46	82	12759	3.339	ng/ul#	91
23) 2-Nitrophenol	9.63	139	3554	3.564	ng/ul	97
24) 2,4-Dimethylphenol	9.70	107	6966m	3.025	ng/ul	
25) Bis(2-Chloroethoxy)methane	9.95	93	7463	3.227	ng/ul	97
27) 2,4-Dichlorophenol	10.17	162	5901	3.324	ng/ul#	81
28) Naphthalene	10.57	128	19972	3.409	ng/ul	96
30) 4-Chloroaniline	10.69	127	8029	3.915	ng/ul	97
31) Hexachlorobutadiene	10.86	225	4809	3.503	ng/ul	91
32) Caprolactam	11.50	113	1507m	2.602	ng/ul	
33) 4-Chloro-3-methylphenol	11.82	107	5968	2.889	ng/ul	95
34) 2-Methylnaphthalene	12.19	142	14542	3.432	ng/ul	84

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030921\
Data File : BP004952.D
Acq On : 09 Mar 2021 20:25
Operator : CG/JU
Sample : M1534-13
Misc : SOM-MDL-S-06
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 10 01:01:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030921MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 09 15:13:30 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-06

Manual Integrations APPROVED
mohammad
3/10/2021 11:54:39 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.42	142	13179	3.161	ng/ul	91
37) 1,2,4,5-Tetrachlorobenzene	12.57	216	8485	3.311	ng/ul#	92
38) Hexachlorocyclopentadiene	12.54	237	4548	2.735	ng/ul#	80
39) 2,4,6-Trichlorophenol	12.81	196	4650	3.045	ng/ul	86
40) 2,4,5-Trichlorophenol	12.89	196	4588	2.766	ng/ul	96
41) 1,1'-Biphenyl	13.22	154	18591	3.284	ng/ul	97
42) 2-Chloronaphthalene	13.25	162	14749	3.324	ng/ul	94
43) 2-Nitroaniline	13.46	65	3734	2.898	ng/ul	95
45) Dimethylphthalate	13.85	163	18087	3.120	ng/ul#	98
46) 2,6-Dinitrotoluene	13.96	165	3462	2.979	ng/ul	96
48) Acenaphthylene	14.10	152	20856	3.195	ng/ul	95
49) 3-Nitroaniline	14.30	138	2798	2.725	ng/ul#	68
50) Acenaphthene	14.45	153	15838	3.300	ng/ul	93
51) 2,4-Dinitrophenol	14.50	184	1405	1.829	ng/ul#	76
53) 4-Nitrophenol	14.60	109	3523	3.241	ng/ul#	80
54) Dibenzofuran	14.79	168	22739	3.251	ng/ul	98
55) 2,4-Dinitrotoluene	14.76	165	4964	2.945	ng/ul#	94
56) 2,3,4,6-Tetrachlorophenol	15.01	232	4845	3.076	ng/ul#	94
57) Diethylphthalate	15.22	149	18912	3.190	ng/ul	97
59) Fluorene	15.43	166	18718	3.203	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.43	204	11115	3.460	ng/ul	91
61) 4-Nitroaniline	15.46	138	3422	2.855	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.52	198	3680	3.209	ng/ul#	86
65) N-Nitrosodiphenylamine	15.65	169	15196	3.071	ng/ul	100
66) 4-Bromophenyl-phenylether	16.33	248	6480	3.336	ng/ul	87
67) Hexachlorobenzene	16.44	284	7495	3.417	ng/ul	97
68) Atrazine	16.60	200	5305	2.669	ng/ul	98
69) Pentachlorophenol	16.79	266	3224	2.324	ng/ul#	85
70) Phenanthrene	17.18	178	30724	3.279	ng/ul	98
72) Anthracene	17.27	178	31094	3.234	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	8491	3.324	ng/uL	90
74) Pentachlorobenzene	14.70	250	8543	3.292	ng/uL	90
75) Carbazole	17.55	167	23518	2.841	ng/ul	99
76) Di-n-butylphthalate	18.10	149	26658	2.760	ng/ul	97
77) Fluoranthene	19.16	202	35009	3.059	ng/ul#	97
80) Pyrene	19.51	202	39310	3.304	ng/ul	97
81) Butylbenzylphthalate	20.39	149	11944	2.768	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.15	252	11226	2.749	ng/ul	99
83) Benzo(a)anthracene	21.22	228	39725	3.300	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.15	149	17242	2.662	ng/ul	99
85) Chrysene	21.26	228	39932	3.385	ng/ul	98
87) Di-n-octyl phthalate	22.03	149	28601	2.379	ng/ul	100
88) Benzo(b)fluoranthene	22.82	252	40064	3.140	ng/ul	96
89) Benzo(k)fluoranthene	22.87	252	38999	3.098	ng/ul	96
91) Benzo(a)pyrene	23.42	252	36425	3.252	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.86	276	46109	3.222	ng/ul	97
93) Dibenzo(a,h)anthracene	25.87	278	40011	3.304	ng/ul	95
94) Benzo(g,h,i)perylene	26.58	276	36624	3.090	ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030921\
Data File : BP004952.D
Acq On : 09 Mar 2021 20:25
Operator : CG/JU
Sample : M1534-13
Misc : SOM-MDL-S-06
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-06

Manual Integrations APPROVED
mohammad
3/10/2021 11:54:39 AM

Quant Time: Mar 10 01:01:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030921MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 09 15:13:30 2021
Response via : Initial Calibration

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

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP030921\
Data File : BP004952.D
Acq On : 09 Mar 2021 20:25
Operator : CG/JU
Sample : M1534-13
Misc : SOM-MDL-S-06
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Mar 10 01:01:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SOM-EPA-BP030921MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 09 15:13:30 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-SOIL-06

Manual Integrations APPROVED
mohammad
3/10/2021 11:54:39 AM