Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120524\
Data File : BN035420.D
Acq On : 04 Dec 2024 12:20
Operator : RC/JU
Sample : P4776-06
Misc : MDL-SOIL-ME-QT4-2024
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Quant Time: Dec 04 13:35:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 02 18:25:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.299	152	93684	20.000	ng/ul	0.00
20) Naphthalene-d8	10.046	136	394697	20.000	ng/ul	0.00
38) Acenaphthene-d10	13.957	164	301900	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.728	188	683755	20.000	ng/ul	0.00
79) Chrysene-d12	20.974	240	706791	20.000	ng/ul	0.00
88) Perylene-d12	23.651	264	751861	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.964	96	6572	3.315	ng/uL	0.00
4) Pyridine-d5	3.340	84	68080	13.027	ng/ul	0.00
7) Phenol-d5	6.499	99	84368	12.641	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.657	67	50272	13.507	ng/ul	0.00
11) 2-Chlorophenol-d4	6.840	132	71700	12.678	ng/ul	0.00
15) 4-Methylphenol-d8	8.010	113	70590	12.137	ng/ul	0.00
21) Nitrobenzene-d5	8.440	128	32334	12.609	ng/ul	0.00
24) 2-Nitrophenol-d4	9.151	143	37097	12.498	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.681	165	79440	12.246	ng/ul	0.00
31) 4-Chloroaniline-d4	10.198	131	102629	12.812	ng/ul	0.00
46) Dimethylphthalate-d6	13.387	166	284404	13.120	ng/ul	0.00
49) Acenaphthylene-d8	13.645	160	316662	13.264	ng/ul	0.00
54) 4-Nitrophenol-d4	14.192	143	40766	11.420	ng/ul	0.00
60) Fluorene-d10	14.969	176	245556	13.117	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.098	200	36952	10.247	ng/ul	0.00
73) Anthracene-d10	16.822	188	397727	13.188	ng/ul	0.00
81) Pyrene-d10	19.145	212	498341	13.350	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.468	264	497637	13.668	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.993	88	3035	1.365	ng/uL	94
5) Pyridine	3.358	79	22674	4.327	ng/ul#	88
6) Benzaldehyde	6.463	77	17555	4.877	ng/ul	97
8) Phenol	6.528	94	29240	4.230	ng/ul	100
10) Bis(2-Chloroethyl)ether	6.752	93	24089	4.452	ng/ul	99
12) 2-Chlorophenol	6.869	128	24579	4.176	ng/ul	98
13) 2-Methylphenol	7.752	108	20792	3.874	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	7.822	45	18600	4.349	ng/ul	93
16) Acetophenone	8.110	105	42316	4.607	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.104	70	17793	4.075	ng/ul	99
18) 4-Methylphenol	8.075	108	24543	4.116	ng/ul	90
19) Hexachloroethane	8.352	117	10514	4.181	ng/ul	93
22) Nitrobenzene	8.475	77	26985	4.190	ng/ul	98
23) Isophorone	9.004	82	52378	4.058	ng/ul	97
25) 2-Nitrophenol	9.181	139	13965	4.153	ng/ul	100
26) 2,4-Dimethylphenol	9.257	107	20272	3.008	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.493	93	33508	4.262	ng/ul	99
29) 2,4-Dichlorophenol	9.710	162	28100	4.281	ng/ul	99
30) Naphthalene	10.098	128	88996	4.437	ng/ul	99
32) 4-Chloroaniline	10.222	127	34783	4.533	ng/ul	98
33) Hexachlorobutadiene	10.393	225	20218	4.364	ng/ul	95
34) Caprolactam	10.987	113	7075m	3.730	ng/ul	
35) 4-Chloro-3-methylphenol	11.363	107	26231	3.836	ng/ul	96
36) 2-Methylnaphthalene	11.722	142	64791	4.338	ng/ul	100

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120524\
Data File : BN035420.D
Acq On : 04 Dec 2024 12:20
Operator : RC/JU
Sample : P4776-06
Misc : MDL-SOIL-ME-QT4-2024
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Quant Time: Dec 04 13:35:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 02 18:25:21 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	11.951	142	60081	3.924	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.110	216	39913	4.486	ng/ul	96
40) Hexachlorocyclopentadiene	12.092	237	17035	3.811	ng/ul	89
41) 2,4,6-Trichlorophenol	12.363	196	23014	3.989	ng/ul	96
42) 2,4,5-Trichlorophenol	12.434	196	26703	4.154	ng/ul	99
43) 1,1'-Biphenyl	12.775	154	93164	4.471	ng/ul	94
44) 2-Chloronaphthalene	12.810	162	74747	4.485	ng/ul	98
45) 2-Nitroaniline	13.034	65	11331	3.459	ng/ul	96
47) Dimethylphthalate	13.434	163	93166	4.296	ng/ul	99
48) 2,6-Dinitrotoluene	13.545	165	11724	3.244	ng/ul#	84
50) Acenaphthylene	13.669	152	114526	4.513	ng/ul	99
51) 3-Nitroaniline	13.881	138	12221	3.265	ng/ul#	97
52) Acenaphthene	14.022	153	80415	4.403	ng/ul	99
53) 2,4-Dinitrophenol	14.086	184	12293	4.869	ng/ul	92
55) 4-Nitrophenol	14.204	109	13391	3.972	ng/ul	96
56) Dibenzofuran	14.363	168	117841	4.538	ng/ul	97
57) 2,4-Dinitrotoluene	14.345	165	21401	3.731	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.604	232	23283	4.158	ng/ul#	96
59) Diethylphthalate	14.828	149	88075	4.156	ng/ul	100
61) Fluorene	15.022	166	95666	4.573	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.034	204	49791	4.658	ng/ul	96
63) 4-Nitroaniline	15.051	138	13840	3.812	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.116	198	16781	4.295	ng/ul#	95
67) N-Nitrosodiphenylamine	15.251	169	78519	4.323	ng/ul	98
68) 4-Bromophenyl-phenylether	15.928	248	30265	4.377	ng/ul	98
69) Hexachlorobenzene	16.033	284	37568	4.577	ng/ul	95
70) Atrazine	16.222	200	28715	4.426	ng/ul	94
71) Pentachlorophenol	16.381	266	31356	6.017	ng/ul	93
72) Phenanthrene	16.769	178	164299	4.667	ng/ul	98
74) Anthracene	16.857	178	158272	4.453	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.734	216	36983	4.079	ng/uL	95
76) Pentachlorobenzene	14.286	250	37609	4.030	ng/uL	97
77) Carbazole	17.139	167	139208	4.707	ng/ul	99
78) Di-n-butylphthalate	17.739	149	137911	4.006	ng/ul	100
80) Fluoranthene	18.810	202	188105	4.293	ng/ul	99
82) Pyrene	19.174	202	216517	4.608	ng/ul	98
83) Butylbenzylphthalate	20.127	149	50477	3.812	ng/ul	97
84) 3,3'-Dichlorobenzidine	20.910	252	36776	2.918	ng/ul	94
85) Benzo(a)anthracene	20.963	228	209038	4.406	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	20.939	149	80411	3.851	ng/ul	99
87) Chrysene	21.016	228	202624	4.432	ng/ul	99
89) Di-n-octyl phthalate	21.963	149	124984	3.657	ng/ul	100
90) Benzo(b)fluoranthene	22.815	252	190063	4.386	ng/ul	99
91) Benzo(k)fluoranthene	22.868	252	205837m	4.638	ng/ul	
93) Benzo(a)pyrene	23.521	252	175340	4.311	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.586	276	200640	4.135	ng/ul	99
95) Dibenzo(a,h)anthracene	26.645	278	161547	4.109	ng/ul	98
96) Benzo(g,h,i)perylene	27.498	276	152460	4.140	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120524\
Data File : BN035420.D
Acq On : 04 Dec 2024 12:20
Operator : RC/JU
Sample : P4776-06
Misc : MDL-SOIL-ME-QT4-2024
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT4-2024-08

Quant Time: Dec 04 13:35:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 02 18:25:21 2024
Response via : Initial Calibration