Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032125\
Data File : BN036701.D
Acq On : 21 Mar 2025 11:47
Operator : RC/JU
Sample : Q1546-06
Misc : MDL-MED-SOIL 4ppm
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02

Quant Time: Mar 21 13:10:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN022825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 20 13:16:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	79826	20.000	ng/ul	0.00
20) Naphthalene-d8	10.487	136	352748	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.345	164	238536	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.092	188	503322	20.000	ng/ul	0.00
79) Chrysene-d12	21.328	240	492391	20.000	ng/ul	0.00
88) Perylene-d12	24.280	264	498503	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	8867	4.318	ng/uL	0.00
4) Pyridine-d5	3.599	84	153601	24.474	ng/ul	0.00
7) Phenol-d5	6.869	99	187518	24.595	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.034	67	143408	26.438	ng/ul	0.00
11) 2-Chlorophenol-d4	7.234	132	142482	26.577	ng/ul	0.00
15) 4-Methylphenol-d8	8.405	113	146985	23.348	ng/ul	0.00
21) Nitrobenzene-d5	8.852	128	74645	26.770	ng/ul	0.00
24) 2-Nitrophenol-d4	9.575	143	79233	26.896	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.110	165	134571	25.185	ng/ul	0.00
31) 4-Chloroaniline-d4	10.628	131	206303	25.003	ng/ul	0.00
46) Dimethylphthalate-d6	13.757	166	493241	27.495	ng/ul	0.00
49) Acenaphthylene-d8	14.040	160	544594	27.177	ng/ul	0.00
54) 4-Nitrophenol-d4	14.546	143	85690	24.115	ng/ul	0.00
60) Fluorene-d10	15.345	176	408722	27.013	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.463	200	77518	22.507	ng/ul	0.00
73) Anthracene-d10	17.192	188	639336	25.813	ng/ul	0.00
81) Pyrene-d10	19.492	212	764449	28.419	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.080	264	734899	29.587	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.228	88	2970m	1.290	ng/uL	
5) Pyridine	3.617	79	31288	4.778	ng/ul#	63
6) Benzaldehyde	6.846	77	23537	5.237	ng/ul	91
8) Phenol	6.899	94	36500	4.465	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.128	93	30597	4.793	ng/ul	99
12) 2-Chlorophenol	7.264	128	27358	4.837	ng/ul	98
13) 2-Methylphenol	8.146	108	21637	3.675	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.222	45	60141	4.909	ng/ul	98
16) Acetophenone	8.522	105	47868	4.473	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.505	70	25740	4.283	ng/ul	97
18) 4-Methylphenol	8.469	108	27855	4.142	ng/ul	98
19) Hexachloroethane	8.775	117	12764	4.910	ng/ul	96
22) Nitrobenzene	8.899	77	41467	4.917	ng/ul	96
23) Isophorone	9.422	82	69035	4.395	ng/ul	99
25) 2-Nitrophenol	9.610	139	15603	4.756	ng/ul	99
26) 2,4-Dimethylphenol	9.669	107	15341	2.213	ng/ul	97
27) Bis(2-Chloroethoxy)met...	9.905	93	42095	4.754	ng/ul	99
29) 2,4-Dichlorophenol	10.140	162	24375	4.448	ng/ul	94
30) Naphthalene	10.540	128	94460	4.842	ng/ul	100
32) 4-Chloroaniline	10.652	127	35709	4.472	ng/ul	95
33) Hexachlorobutadiene	10.828	225	16849	4.667	ng/ul	98
34) Caprolactam	11.440	113	9136	4.024	ng/ul	87
35) 4-Chloro-3-methylphenol	11.781	107	28032	4.033	ng/ul	97
36) 2-Methylnaphthalene	12.157	142	60816	4.479	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032125\
Data File : BN036701.D
Acq On : 21 Mar 2025 11:47
Operator : RC/JU
Sample : Q1546-06
Misc : MDL-MED-SOIL 4ppm
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02

Quant Time: Mar 21 13:10:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN022825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 20 13:16:23 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.375	142	58968	4.306	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.528	216	32849	4.911	ng/ul	94
40) Hexachlorocyclopentadiene	12.510	237	17622	4.464	ng/ul	94
41) 2,4,6-Trichlorophenol	12.775	196	17803	4.046	ng/ul	95
42) 2,4,5-Trichlorophenol	12.846	196	20378	4.227	ng/ul	95
43) 1,1'-Biphenyl	13.175	154	84037	4.770	ng/ul	99
44) 2-Chloronaphthalene	13.216	162	65240	4.776	ng/ul	99
45) 2-Nitroaniline	13.422	65	21845	3.984	ng/ul	91
47) Dimethylphthalate	13.804	163	88667	4.902	ng/ul	99
48) 2,6-Dinitrotoluene	13.922	165	13929	3.944	ng/ul	89
50) Acenaphthylene	14.063	152	105692	4.873	ng/ul	95
51) 3-Nitroaniline	14.251	138	13559	3.555	ng/ul	95
52) Acenaphthene	14.410	153	76405	4.886	ng/ul	99
53) 2,4-Dinitrophenol	14.457	184	10300	4.241	ng/ul	89
55) 4-Nitrophenol	14.563	109	15403	4.403	ng/ul	97
56) Dibenzofuran	14.745	168	103295	4.794	ng/ul	100
57) 2,4-Dinitrotoluene	14.716	165	22817	4.219	ng/ul#	89
58) 2,3,4,6-Tetrachlorophenol	14.975	232	17427	4.324	ng/ul	99
59) Diethylphthalate	15.175	149	86036	4.578	ng/ul	98
61) Fluorene	15.398	166	86735	4.870	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.393	204	41805	4.922	ng/ul	98
63) 4-Nitroaniline	15.416	138	13023	3.470	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.475	198	18983	5.127	ng/ul#	87
67) N-Nitrosodiphenylamine	15.604	169	69135	4.497	ng/ul	96
68) 4-Bromophenyl-phenylether	16.287	248	22824	4.677	ng/ul	96
69) Hexachlorobenzene	16.404	284	25196	4.634	ng/ul	97
70) Atrazine	16.563	200	27092	4.737	ng/ul	95
71) Pentachlorophenol	16.745	266	17761	4.727	ng/ul	95
72) Phenanthrene	17.134	178	138087	4.737	ng/ul	99
74) Anthracene	17.228	178	135679	4.571	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.140	216	29060	4.219	ng/uL	87
76) Pentachlorobenzene	14.669	250	29927	4.315	ng/uL	97
77) Carbazole	17.498	167	118411	4.439	ng/ul	97
78) Di-n-butylphthalate	18.069	149	136200	4.106	ng/ul	99
80) Fluoranthene	19.157	202	155094	4.927	ng/ul	99
82) Pyrene	19.516	202	175129	5.111	ng/ul	98
83) Butylbenzylphthalate	20.428	149	60432	4.276	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.239	252	38926	4.294	ng/ul	98
85) Benzo(a)anthracene	21.310	228	165827	4.888	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.245	149	98850	4.815	ng/ul	98
87) Chrysene	21.375	228	158282	4.847	ng/ul	97
89) Di-n-octyl phthalate	22.363	149	135277	4.035	ng/ul	100
90) Benzo(b)fluoranthene	23.351	252	150645	4.930	ng/ul	95
91) Benzo(k)fluoranthene	23.410	252	149465	4.847	ng/ul	98
93) Benzo(a)pyrene	24.145	252	143572	4.922	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.598	276	161854	4.545	ng/ul	97
95) Dibenzo(a,h)anthracene	27.662	278	124470	4.384	ng/ul	98
96) Benzo(g,h,i)perylene	28.627	276	128023	4.617	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032125\
Data File : BN036701.D
Acq On : 21 Mar 2025 11:47
Operator : RC/JU
Sample : Q1546-06
Misc : MDL-MED-SOIL 4ppm
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-MED-SOIL-QT1-2025-02

Quant Time: Mar 21 13:10:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN022825.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 20 13:16:23 2025
Response via : Initial Calibration