Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060324\
Data File : BM045801.D
Acq On : 03 Jun 2024 12:29
Operator : MA/JU
Sample : P2409-05
Misc : SFAM-MDL-ME-SOIL-01
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 03 13:32:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.469	152	265464	20.000	ng/ul	0.00
20) Naphthalene-d8	10.233	136	1076808	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.110	164	634753	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.857	188	1207328	20.000	ng/ul	0.00
79) Chrysene-d12	21.068	240	901565	20.000	ng/ul	0.00
88) Perylene-d12	23.791	264	900686	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.052	96	35189	5.139	ng/uL	0.00
4) Pyridine-d5	3.463	84	401530	22.775	ng/ul	0.00
7) Phenol-d5	6.722	99	553428	24.540	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.834	67	406366	25.094	ng/ul	0.00
11) 2-Chlorophenol-d4	7.028	132	420350	24.953	ng/ul	0.00
15) 4-Methylphenol-d8	8.234	113	396288	23.259	ng/ul	0.00
21) Nitrobenzene-d5	8.634	128	212114	25.194	ng/ul	0.00
24) 2-Nitrophenol-d4	9.345	143	209137	24.544	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.892	165	375564	23.504	ng/ul	0.00
31) 4-Chloroaniline-d4	10.422	131	510718	23.094	ng/ul	0.00
46) Dimethylphthalate-d6	13.563	166	1082784	24.640	ng/ul	0.00
49) Acenaphthylene-d8	13.804	160	1255090	24.596	ng/ul	0.00
54) 4-Nitrophenol-d4	14.410	143	169473	17.870	ng/ul	0.00
60) Fluorene-d10	15.110	176	924024	24.648	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.245	200	120259	19.506	ng/ul	0.00
73) Anthracene-d10	16.957	188	1158262	22.068	ng/ul	0.00
81) Pyrene-d10	19.256	212	1366057	24.365	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.609	264	1063102	25.254	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.087	88	8054m	1.063	ng/uL	
5) Pyridine	3.487	79	75013	4.143	ng/ul#	15
6) Benzaldehyde	6.640	77	71321	6.724	ng/ul	97
8) Phenol	6.745	94	107681	4.604	ng/ul	97
10) Bis(2-Chloroethyl)ether	6.928	93	91327	4.678	ng/ul	96
12) 2-Chlorophenol	7.063	128	82740	4.662	ng/ul	99
13) 2-Methylphenol	7.969	108	70327	4.106	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.010	45	191094	4.970	ng/ul	99
16) Acetophenone	8.310	105	134003	4.719	ng/ul	97
17) N-Nitroso-di-n-propyla...	8.304	70	73294	4.671	ng/ul	92
18) 4-Methylphenol	8.298	108	80648	4.551	ng/ul	99
19) Hexachloroethane	8.534	117	39410	4.624	ng/ul	93
22) Nitrobenzene	8.675	77	114373	4.854	ng/ul	97
23) Isophorone	9.222	82	184136	4.423	ng/ul	99
25) 2-Nitrophenol	9.375	139	43096	4.627	ng/ul	97
26) 2,4-Dimethylphenol	9.486	107	40643	2.151	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.698	93	114797	4.542	ng/ul	99
29) 2,4-Dichlorophenol	9.922	162	73698	4.629	ng/ul	94
30) Naphthalene	10.286	128	273062	4.755	ng/ul	99
32) 4-Chloroaniline	10.445	127	97628	4.516	ng/ul	95
33) Hexachlorobutadiene	10.581	225	49462	4.535	ng/ul	94
34) Caprolactam	11.322	113	17743m	3.957	ng/ul	
35) 4-Chloro-3-methylphenol	11.598	107	72240	4.183	ng/ul	99
36) 2-Methylnaphthalene	11.910	142	178131	4.684	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060324\
Data File : BM045801.D
Acq On : 03 Jun 2024 12:29
Operator : MA/JU
Sample : P2409-05
Misc : SFAM-MDL-ME-SOIL-01
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 03 13:32:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.133	142	179523	4.722	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.280	216	90584	4.765	ng/ul	99
40) Hexachlorocyclopentadiene	12.275	237	40231	3.487	ng/ul	99
41) 2,4,6-Trichlorophenol	12.557	196	43475	3.931	ng/ul	98
42) 2,4,5-Trichlorophenol	12.633	196	51171	4.263	ng/ul	94
43) 1,1'-Biphenyl	12.945	154	226237	4.804	ng/ul	98
44) 2-Chloronaphthalene	12.974	162	174977	4.741	ng/ul	98
45) 2-Nitroaniline	13.222	65	52457	4.163	ng/ul	91
47) Dimethylphthalate	13.610	163	207751	4.656	ng/ul	99
48) 2,6-Dinitrotoluene	13.716	165	34781	4.052	ng/ul#	88
50) Acenaphthylene	13.833	152	277822	4.704	ng/ul	99
51) 3-Nitroaniline	14.069	138	31313	3.973	ng/ul	93
52) Acenaphthene	14.174	153	188466	4.782	ng/ul	98
53) 2,4-Dinitrophenol	14.251	184	22944	5.870	ng/ul	95
55) 4-Nitrophenol	14.421	109	38970	4.981	ng/ul	94
56) Dibenzofuran	14.516	168	257562	4.846	ng/ul	100
57) 2,4-Dinitrotoluene	14.504	165	51394	4.328	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	14.768	232	36968	4.076	ng/ul#	99
59) Diethylphthalate	14.986	149	203716	4.559	ng/ul	98
61) Fluorene	15.168	166	202428	4.727	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.174	204	101039	4.754	ng/ul	99
63) 4-Nitroaniline	15.245	138	30885	4.719	ng/ul#	37
66) 4,6-Dinitro-2-methylph...	15.263	198	29202	4.316	ng/ul#	90
67) N-Nitrosodiphenylamine	15.392	169	157538	4.605	ng/ul	98
68) 4-Bromophenyl-phenylether	16.063	248	56269	4.470	ng/ul	97
69) Hexachlorobenzene	16.162	284	64954	4.666	ng/ul	100
70) Atrazine	16.374	200	53858	5.193	ng/ul	99
71) Pentachlorophenol	16.533	266	49454	7.002	ng/ul	96
72) Phenanthrene	16.898	178	295677	4.648	ng/ul	100
74) Anthracene	16.992	178	264331	4.160	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.898	216	83715	4.471	ng/uL	98
76) Pentachlorobenzene	14.433	250	87143	4.976	ng/uL	93
77) Carbazole	17.280	167	242626	4.475	ng/ul	100
78) Di-n-butylphthalate	17.851	149	304772	4.274	ng/ul	99
80) Fluoranthene	18.921	202	312078	4.591	ng/ul	99
82) Pyrene	19.286	202	328100	4.698	ng/ul	98
83) Butylbenzylphthalate	20.215	149	114660	4.029	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.003	252	57770	3.244	ng/ul	94
85) Benzo(a)anthracene	21.056	228	281658	4.525	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.009	149	168522	3.985	ng/ul	99
87) Chrysene	21.109	228	259005	4.498	ng/ul	99
89) Di-n-octyl phthalate	22.044	149	264239	3.836	ng/ul	100
90) Benzo(b)fluoranthene	22.939	252	255611	4.618	ng/ul	97
91) Benzo(k)fluoranthene	22.997	252	252222	4.665	ng/ul	96
93) Benzo(a)pyrene	23.662	252	214580	4.412	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.797	276	241546	4.547	ng/ul	98
95) Dibenzo(a,h)anthracene	26.844	278	189718	4.516	ng/ul	98
96) Benzo(g,h,i)perylene	27.732	276	220602	4.715	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060324\
Data File : BM045801.D
Acq On : 03 Jun 2024 12:29
Operator : MA/JU
Sample : P2409-05
Misc : SFAM-MDL-ME-SOIL-01
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 03 13:32:19 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 31 13:01:11 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
MDL-MED-SOIL-QT2-2024-03

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/04/2024
Supervised By :mohammad ahmed 06/05/2024