Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032524\
Data File : BP019981.D
Acq On : 25 Mar 2024 13:58
Operator : MA/JU
Sample : P1601-05
Misc : SFAM-MDL-ME SOIL-01
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 26 00:07:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 25 10:46:59 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024

Supervised By :mohammad ahmed
03/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	107651	20.000	ng/ul	-0.03
20) Naphthalene-d8	10.340	136	419516	20.000	ng/ul	-0.03
38) Acenaphthene-d10	14.240	164	254889	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.069	188	544459	20.000	ng/ul	0.00
79) Chrysene-d12	21.539	240	528074	20.000	ng/ul	0.00
88) Perylene-d12	24.827	264	588737	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	13740	5.592	ng/uL	-0.02
4) Pyridine-d5	3.617	84	198296	26.729	ng/ul	-0.02
7) Phenol-d5	6.769	99	231366	25.483	ng/ul	-0.03
9) Bis-(2-Chloroethyl)eth...	6.934	67	148544	25.112	ng/ul	-0.04
11) 2-Chlorophenol-d4	7.122	132	165395	25.366	ng/ul	-0.03
15) 4-Methylphenol-d8	8.281	113	172711	24.588	ng/ul	-0.02
21) Nitrobenzene-d5	8.734	128	80429	25.013	ng/ul	-0.02
24) 2-Nitrophenol-d4	9.434	143	89784	24.956	ng/ul	-0.04
28) 2,4-Dichlorophenol-d3	9.975	165	154634	23.535	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.493	131	208261	24.314	ng/ul	-0.02
46) Dimethylphthalate-d6	13.634	166	455184	25.471	ng/ul	-0.02
49) Acenaphthylene-d8	13.928	160	540987	25.914	ng/ul	0.00
54) 4-Nitrophenol-d4	14.481	143	59822	21.293	ng/ul	0.00
60) Fluorene-d10	15.251	176	395386	25.972	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.410	200	66875	20.520	ng/ul	-0.01
73) Anthracene-d10	17.169	188	560302	23.248	ng/ul	0.00
81) Pyrene-d10	19.563	212	702801	22.684	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.610	264	725473	25.650	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.258	88	3327m	1.187	ng/uL	
5) Pyridine	3.640	79	37689	4.984	ng/ul#	76
6) Benzaldehyde	6.763	77	29255	6.516	ng/ul	97
8) Phenol	6.799	94	46076	4.854	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.022	93	36604	4.762	ng/ul	98
12) 2-Chlorophenol	7.158	128	32810	4.775	ng/ul	94
13) 2-Methylphenol	8.022	108	30209	4.415	ng/ul	94
14) 2,2'-oxybis(1-Chloropr...	8.099	45	52210	4.939	ng/ul	97
16) Acetophenone	8.405	105	53724	4.742	ng/ul	96
17) N-Nitroso-di-n-propyla...	8.387	70	29169	4.616	ng/ul	94
18) 4-Methylphenol	8.352	108	34015	4.619	ng/ul	94
19) Hexachloroethane	8.622	117	15902	4.982	ng/ul	93
22) Nitrobenzene	8.775	77	45737	4.994	ng/ul	98
23) Isophorone	9.293	82	76988	4.509	ng/ul#	97
25) 2-Nitrophenol	9.469	139	18584	4.955	ng/ul	96
26) 2,4-Dimethylphenol	9.534	107	30410	3.714	ng/ul	88
27) Bis(2-Chloroethoxy)met...	9.769	93	46766	4.684	ng/ul	97
29) 2,4-Dichlorophenol	9.999	162	28998	4.511	ng/ul	92
30) Naphthalene	10.381	128	103615	4.814	ng/ul	98
32) 4-Chloroaniline	10.516	127	39565	4.707	ng/ul	94
33) Hexachlorobutadiene	10.651	225	24050	4.748	ng/ul	93
34) Caprolactam	11.357	113	8906m	4.458	ng/ul	
35) 4-Chloro-3-methylphenol	11.669	107	31652m	4.433	ng/ul	
36) 2-Methylnaphthalene	12.010	142	65904	4.599	ng/ul	95

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032524\
Data File : BP019981.D
Acq On : 25 Mar 2024 13:58
Operator : MA/JU
Sample : P1601-05
Misc : SFAM-MDL-ME SOIL-01
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 26 00:07:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 25 10:46:59 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024

Supervised By :mohammad ahmed
03/27/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.245	142	70658m	4.930	ng/ul	
39) 1,2,4,5-Tetrachloroben...	12.387	216	39066	4.636	ng/ul	96
40) Hexachlorocyclopentadiene	12.345	237	22637	4.747	ng/ul#	94
41) 2,4,6-Trichlorophenol	12.651	196	23245	4.490	ng/ul#	95
42) 2,4,5-Trichlorophenol	12.734	196	21992	4.107	ng/ul	96
43) 1,1'-Biphenyl	13.057	154	90071	4.880	ng/ul	97
44) 2-Chloronaphthalene	13.098	162	72179	4.849	ng/ul	99
45) 2-Nitroaniline	13.322	65	19855	4.234	ng/ul	94
47) Dimethylphthalate	13.692	163	88949	4.931	ng/ul	99
48) 2,6-Dinitrotoluene	13.845	165	15687	4.283	ng/ul	93
50) Acenaphthylene	13.951	152	115288	4.938	ng/ul	99
51) 3-Nitroaniline	14.187	138	13841	4.104	ng/ul	91
52) Acenaphthene	14.304	153	77470	4.995	ng/ul	99
53) 2,4-Dinitrophenol	14.398	184	8170	3.920	ng/ul	93
55) 4-Nitrophenol	14.504	109	12180	4.724	ng/ul	89
56) Dibenzofuran	14.657	168	105719	5.019	ng/ul	100
57) 2,4-Dinitrotoluene	14.657	165	24161	4.825	ng/ul#	91
58) 2,3,4,6-Tetrachlorophenol	14.881	232	20579	4.482	ng/ul	98
59) Diethylphthalate	15.092	149	83925	4.692	ng/ul	97
61) Fluorene	15.310	166	86916	5.059	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.310	204	45560	4.951	ng/ul	96
63) 4-Nitroaniline	15.381	138	12601	4.374	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.422	198	15180	4.389	ng/ul#	68
67) N-Nitrosodiphenylamine	15.534	169	70422	4.683	ng/ul	99
68) 4-Bromophenyl-phenylether	16.233	248	26744	4.526	ng/ul	90
69) Hexachlorobenzene	16.334	284	30314	4.620	ng/ul	97
70) Atrazine	16.539	200	27082	4.700	ng/ul	98
71) Pentachlorophenol	16.722	266	16255	4.226	ng/ul	94
72) Phenanthrene	17.104	178	135752	4.823	ng/ul	99
74) Anthracene	17.204	178	126809	4.437	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.010	216	39585	4.459	ng/uL	97
76) Pentachlorobenzene	14.563	250	39429	4.796	ng/uL	99
77) Carbazole	17.510	167	114139	4.670	ng/ul	99
78) Di-n-butylphthalate	18.092	149	131977	4.325	ng/ul	99
80) Fluoranthene	19.216	202	153708	4.224	ng/ul	99
82) Pyrene	19.598	202	163852	4.332	ng/ul	98
83) Butylbenzylphthalate	20.569	149	61499	4.004	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.463	252	41835	3.725	ng/ul	94
85) Benzo(a)anthracene	21.521	228	168716	4.617	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.469	149	87546	3.901	ng/ul	98
87) Chrysene	21.586	228	160559	4.726	ng/ul	100
89) Di-n-octyl phthalate	22.733	149	158476	4.244	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	166112	4.812	ng/ul	99
91) Benzo(k)fluoranthene	23.857	252	166892	4.758	ng/ul	98
93) Benzo(a)pyrene	24.674	252	161112	4.825	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.562	276	194737m	4.631	ng/ul	
95) Dibenzo(a,h)anthracene	28.645	278	164237m	4.801	ng/ul	
96) Benzo(g,h,i)perylene	29.715	276	164127m	4.832	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032524\
Data File : BP019981.D
Acq On : 25 Mar 2024 13:58
Operator : MA/JU
Sample : P1601-05
Misc : SFAM-MDL-ME SOIL-01
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Mar 26 00:07:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP032224.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 25 10:46:59 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
MDL-MED-SOIL-QT1-2024-01

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/26/2024
Supervised By :mohammad ahmed 03/27/2024

Supervised By :mohammad ahmed
03/27/2024