

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031022\
 Data File : BM034205.D
 Acq On : 10 Mar 2022 18:09
 Operator : CG/JU
 Sample : SSTD00546
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD005046

Quant Time: Mar 11 00:26:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 11 00:23:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/11/2022
 Supervised By :mohammad ahmed 03/14/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.954	152	127742	20.000	ng/u1	0.00
20) Naphthalene-d8	10.766	136	498188	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.595	164	329290	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.330	188	655999	20.000	ng/u1	0.00
79) Chrysene-d12	21.500	240	628436	20.000	ng/u1	0.00
88) Perylene-d12	23.924	264	670904	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.325	96	5987	2.156	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	0.000	99	0d	0.000	ng/u1	
9) Bis-(2-Chloroethyl)eth...	0.000	67	0d	0.000	ng/u1	
11) 2-Chlorophenol-d4	7.478	132	31519	3.799	ng/u1	0.00
15) 4-Methylphenol-d8	0.000	113	0d	0.000	ng/u1	
21) Nitrobenzene-d5	9.113	128	15345	3.975	ng/u1	0.00
24) 2-Nitrophenol-d4	9.842	143	15669	3.737	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.383	165	33978	3.930	ng/u1	0.00
31) 4-Chloroaniline-d4	0.000	131	0d	0.000	ng/u1	
46) Dimethylphthalate-d6	14.001	166	113151	4.528	ng/u1	0.00
49) Acenaphthylene-d8	14.283	160	137295	4.394	ng/u1	0.00
54) 4-Nitrophenol-d4	0.000	143	0d	0.000	ng/u1	
60) Fluorene-d10	15.583	176	100824	4.534	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	0.000	200	0d	0.000	ng/u1	
73) Anthracene-d10	17.430	188	142505	4.410	ng/u1	0.00
81) Pyrene-d10	19.718	212	161455m	4.674	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.765	264	143723m	4.038	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.360	88	6138	2.041	ng/uL	90
12) 2-Chlorophenol	7.513	128	32711m	3.817	ng/u1	
17) N-Nitroso-di-n-propyla...	8.760	70	25524	4.228	ng/u1	97
19) Hexachloroethane	9.048	117	16459	4.670	ng/u1	95
22) Nitrobenzene	9.154	77	33352	3.821	ng/u1	99
23) Isophorone	9.684	82	67695	4.301	ng/u1	99
25) 2-Nitrophenol	9.872	139	15975	3.497	ng/u1	96
26) 2,4-Dimethylphenol	9.931	107	37848m	4.096	ng/u1	
27) Bis(2-Chloroethoxy)met...	10.172	93	41669	4.223	ng/u1#	96
29) 2,4-Dichlorophenol	10.407	162	33828	3.959	ng/u1	100
30) Naphthalene	10.819	128	121195	4.544	ng/u1	99
33) Hexachlorobutadiene	11.113	225	31718	4.874	ng/u1	98
35) 4-Chloro-3-methylphenol	12.042	107	31068m	3.721	ng/u1	
36) 2-Methylnaphthalene	12.425	142	82081	4.291	ng/u1	96
37) 1-Methylnaphthalene	12.642	142	83838	4.277	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.795	216	54043	4.698	ng/u1	99
41) 2,4,6-Trichlorophenol	13.030	196	27709	3.946	ng/u1	94
42) 2,4,5-Trichlorophenol	13.095	196	31075m	4.013	ng/u1	
43) 1,1'-Biphenyl	13.430	154	113870	4.441	ng/u1	100
44) 2-Chloronaphthalene	13.472	162	91254	4.529	ng/u1	99
45) 2-Nitroaniline	13.666	65	13700m	2.955	ng/u1	
47) Dimethylphthalate	14.042	163	114107	4.515	ng/u1	99
48) 2,6-Dinitrotoluene	14.160	165	19149	3.812	ng/u1	98
50) Acenaphthylene	14.313	152	137755	4.373	ng/u1	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031022\
 Data File : BM034205.D
 Acq On : 10 Mar 2022 18:09
 Operator : CG/JU
 Sample : SSTD00546
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD005046

Quant Time: Mar 11 00:26:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 11 00:23:33 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/11/2022
 Supervised By :mohammad ahmed 03/14/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

52) Acenaphthene	14.660	153	93871	4.500	ng/ul	98
56) Dibenzofuran	14.989	168	136063	4.429	ng/ul	98
57) 2,4-Dinitrotoluene	14.942	165	24832m	3.380	ng/ul	
58) 2,3,4,6-Tetrachlorophenol	15.213	232	26657	3.971	ng/ul	96
59) Diethylphthalate	15.407	149	103622	4.177	ng/ul	99
61) Fluorene	15.636	166	109847	4.346	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.630	204	60529	4.448	ng/ul	99
67) N-Nitrosodiphenylamine	15.842	169	88089	4.503	ng/ul	100
68) 4-Bromophenyl-phenylether	16.524	248	34751	4.845	ng/ul	98
69) Hexachlorobenzene	16.642	284	44742	4.795	ng/ul	98
72) Phenanthrene	17.371	178	168509	4.540	ng/ul	100
74) Anthracene	17.465	178	159156	4.244	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.395	216	55093	4.901	ng/uL	97
76) Pentachlorobenzene	14.913	250	53120	5.047	ng/uL	99
78) Di-n-butylphthalate	18.301	149	142149	3.900	ng/ul	99
80) Fluoranthene	19.383	202	183048m	4.514	ng/ul	
82) Pyrene	19.748	202	197796	4.716	ng/ul	99
83) Butylbenzylphthalate	20.642	149	57635	4.016	ng/ul	97
85) Benzo(a)anthracene	21.489	228	166472	4.018	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.418	149	83953	3.996	ng/ul	99
87) Chrysene	21.542	228	198519	4.905	ng/ul	99
90) Benzo(b)fluoranthene	23.189	252	172677	3.718	ng/ul	100
91) Benzo(k)fluoranthene	23.236	252	177077	4.058	ng/ul	98
93) Benzo(a)pyrene	23.818	252	169440	3.886	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.453	276	171780m	3.774	ng/ul	
95) Dibenzo(a,h)anthracene	26.465	278	142349m	3.624	ng/ul	
96) Benzo(g,h,i)perylene	27.218	276	176857m	4.649	ng/ul	

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031022\
 Data File : BM034205.D
 Acq On : 10 Mar 2022 18:09
 Operator : CG/JU
 Sample : SSTD00546
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD005046

Quant Time: Mar 11 00:26:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM031022.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 11 00:23:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/11/2022
 Supervised By :mohammad ahmed 03/14/2022

