

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083122\
 Data File : BM036466.D
 Acq On : 31 Aug 2022 10:22
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020162

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/01/2022
 Supervised By :Sohil Jodhani 09/02/2022

Quant Time: Aug 31 10:57:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 23 00:55:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.728	152	183634	20.000	ng/u1	0.00
20) Naphthalene-d8	10.527	136	882781	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.380	164	548994	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.127	188	1188097	20.000	ng/u1	0.00
79) Chrysene-d12	21.309	240	1246508	20.000	ng/u1	0.00
88) Perylene-d12	23.603	264	1199313	20.000	ng/u1	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.134	96	34327	7.124	ng/uL	-0.01
4) Pyridine-d5	3.557	84	251126	18.899	ng/u1	-0.01
7) Phenol-d5	6.904	99	296814	18.936	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.069	67	205520	20.830	ng/u1	0.00
11) 2-Chlorophenol-d4	7.257	132	216344	17.567	ng/u1	-0.01
15) 4-Methylphenol-d8	8.451	113	236813	20.234	ng/u1	0.00
21) Nitrobenzene-d5	8.898	128	120603	18.019	ng/u1	0.00
24) 2-Nitrophenol-d4	9.616	143	119954	17.669	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.157	165	223429	18.418	ng/u1	0.00
31) 4-Chloroaniline-d4	10.680	131	364549	19.385	ng/u1	0.00
46) Dimethylphthalate-d6	13.804	166	659681	18.994	ng/u1	0.00
49) Acenaphthylene-d8	14.074	160	788562	18.204	ng/u1	0.00
54) 4-Nitrophenol-d4	14.604	143	127939	19.441	ng/u1	0.00
60) Fluorene-d10	15.374	176	615415	19.609	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.509	200	101592	16.632	ng/u1	0.00
73) Anthracene-d10	17.221	188	969497	18.352	ng/u1	0.00
81) Pyrene-d10	19.521	212	1102785	17.055	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.456	264	1070168	18.200	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.169	88	37316	7.353	ng/uL	97
5) Pyridine	3.581	79	258514	18.833	ng/u1	96
6) Benzaldehyde	6.875	77	160077	24.862	ng/u1	89
8) Phenol	6.934	94	314805	19.317	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.163	93	238671	18.310	ng/u1	97
12) 2-Chlorophenol	7.292	128	226873	17.616	ng/u1	96
13) 2-Methylphenol	8.186	108	232555	19.358	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.269	45	392997	22.535	ng/u1	99
16) Acetophenone	8.563	105	401514	21.330	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.545	70	213094	22.744	ng/u1	95
18) 4-Methylphenol	8.516	108	261643	20.347	ng/u1	100
19) Hexachloroethane	8.798	117	102934	19.105	ng/u1	86
22) Nitrobenzene	8.939	77	308172	19.432	ng/u1	94
23) Isophorone	9.469	82	577832	20.518	ng/u1	95
25) 2-Nitrophenol	9.651	139	135778	17.951	ng/u1	91
26) 2,4-Dimethylphenol	9.716	107	286417	18.935	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.951	93	365875	19.956	ng/u1	99
29) 2,4-Dichlorophenol	10.180	162	227338	18.317	ng/u1	97
30) Naphthalene	10.575	128	861019	18.583	ng/u1	99
32) 4-Chloroaniline	10.704	127	377251	19.722	ng/u1	98
33) Hexachlorobutadiene	10.851	225	133130	17.074	ng/u1	97
34) Caprolactam	11.492	113	69927	18.804	ng/u1	97
35) 4-Chloro-3-methylphenol	11.833	107	237042	18.890	ng/u1	99
36) 2-Methylnaphthalene	12.192	142	529872	18.227	ng/u1	96

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM083122\
 Data File : BM036466.D
 Acq On : 31 Aug 2022 10:22
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020162

Quant Time: Aug 31 10:57:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 23 00:55:01 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/01/2022
 Supervised By :Sohil Jodhani 09/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.416	142	538218	18.384	ng/ul#	99
39) 1,2,4,5-Tetrachloroben...	12.563	216	247947	16.340	ng/ul#	98
40) Hexachlorocyclopentadiene	12.533	237	186187	20.682	ng/ul	99
41) 2,4,6-Trichlorophenol	12.816	196	161644	16.929	ng/ul	98
42) 2,4,5-Trichlorophenol	12.886	196	170879	16.872	ng/ul	100
43) 1,1'-Biphenyl	13.216	154	720634	17.453	ng/ul	99
44) 2-Chloronaphthalene	13.257	162	541809	17.100	ng/ul	99
45) 2-Nitroaniline	13.474	65	169722	19.782	ng/ul	92
47) Dimethylphthalate	13.851	163	680728	19.041	ng/ul	100
48) 2,6-Dinitrotoluene	13.974	165	128281	19.017	ng/ul#	84
50) Acenaphthylene	14.104	152	934668	18.297	ng/ul	99
51) 3-Nitroaniline	14.304	138	138685	18.800	ng/ul	89
52) Acenaphthene	14.445	153	642488	19.296	ng/ul	97
53) 2,4-Dinitrophenol	14.515	184	70463	19.168	ng/ul#	82
55) 4-Nitrophenol	14.621	109	107608	20.695	ng/ul	83
56) Dibenzofuran	14.780	168	895452	19.382	ng/ul	96
57) 2,4-Dinitrotoluene	14.762	165	197734	20.670	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	15.009	232	151561	19.709	ng/ul#	89
59) Diethylphthalate	15.209	149	748777	21.247	ng/ul	99
61) Fluorene	15.427	166	745770	20.351	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.427	204	334699	19.553	ng/ul	99
63) 4-Nitroaniline	15.468	138	142831m	20.756	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.521	198	104907	16.987	ng/ul#	86
67) N-Nitrosodiphenylamine	15.645	169	613895	18.073	ng/ul	98
68) 4-Bromophenyl-phenylether	16.321	248	190157	17.285	ng/ul	97
69) Hexachlorobenzene	16.421	284	221990	16.651	ng/ul#	91
70) Atrazine	16.604	200	206017	17.751	ng/ul	98
71) Pentachlorophenol	16.780	266	146767	19.968	ng/ul	99
72) Phenanthrene	17.168	178	1155965	18.507	ng/ul	98
74) Anthracene	17.256	178	1179648	18.839	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.174	216	258525	14.502	ng/uL	98
76) Pentachlorobenzene	14.692	250	267525	16.072	ng/uL	100
77) Carbazole	17.539	167	1100214	18.766	ng/ul	99
78) Di-n-butylphthalate	18.103	149	1321144	20.602	ng/ul	99
80) Fluoranthene	19.186	202	1354737	17.336	ng/ul	98
82) Pyrene	19.550	202	1424243	17.465	ng/ul	99
83) Butylbenzylphthalate	20.456	149	583454	19.124	ng/ul	86
84) 3,3'-Dichlorobenzidine	21.238	252	444073	17.300	ng/ul	98
85) Benzo(a)anthracene	21.297	228	1375272	18.360	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.233	149	933799	22.169	ng/ul	97
87) Chrysene	21.350	228	1314485	17.859	ng/ul	98
89) Di-n-octyl phthalate	22.121	149	1514660	21.245	ng/ul	100
90) Benzo(b)fluoranthene	22.909	252	1341806	18.351	ng/ul	99
91) Benzo(k)fluoranthene	22.950	252	1342969	19.305	ng/ul	100
93) Benzo(a)pyrene	23.503	252	1323685	18.401	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.974	276	1356444	16.038	ng/ul	99
95) Dibenzo(a,h)anthracene	25.985	278	1149890	15.783	ng/ul	100
96) Benzo(g,h,i)perylene	26.697	276	1111404	15.367	ng/ul	100

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

