

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030822\
 Data File : BM034172.D
 Acq On : 09 Mar 2022 05:31
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020099

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/09/2022
 Supervised By :Yogesh Patel 03/09/2022

Quant Time: Mar 09 06:54:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 08 13:09:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.990	152	158776	20.000	ng/u1	0.00
20) Naphthalene-d8	10.801	136	593173	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.624	164	375765	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.365	188	774729	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.536	240	821963	20.000	ng/u1	# 0.00
88) Perylene-d12	23.983	264	909425	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.372	96	32443m	9.398	ng/uL	0.00
4) Pyridine-d5	3.790	84	209923	20.890	ng/u1	0.00
7) Phenol-d5	7.137	99	245464	19.730	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.313	67	133271	19.902	ng/u1	0.00
11) 2-Chlorophenol-d4	7.519	132	219262	21.261	ng/u1	0.00
15) 4-Methylphenol-d8	8.695	113	200434	19.227	ng/u1	0.00
21) Nitrobenzene-d5	9.148	128	102763	22.359	ng/u1	0.00
24) 2-Nitrophenol-d4	9.878	143	112287	22.494	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.419	165	226616	22.014	ng/u1	0.00
31) 4-Chloroaniline-d4	10.931	131	275351	19.577	ng/u1	0.00
46) Dimethylphthalate-d6	14.030	166	606898	21.284	ng/u1	0.00
49) Acenaphthylene-d8	14.319	160	767052	21.512	ng/u1	0.00
54) 4-Nitrophenol-d4	14.801	143	105239	19.835	ng/u1	0.00
60) Fluorene-d10	15.613	176	526133	20.732	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.724	200	102852	20.572	ng/u1	0.00
73) Anthracene-d10	17.465	188	819960	21.486	ng/u1	0.00
81) Pyrene-d10	19.753	212	953716	21.109	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.824	264	1026506	21.278	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.407	88	32468	8.688	ng/uL#	69
5) Pyridine	3.807	79	207661	20.439	ng/u1#	68
6) Benzaldehyde	7.119	77	100769	15.782	ng/u1#	73
8) Phenol	7.166	94	243735	19.369	ng/u1#	79
10) Bis(2-Chloroethyl)ether	7.401	93	194137	19.879	ng/u1	86
12) 2-Chlorophenol	7.548	128	222006	20.840	ng/u1#	78
13) 2-Methylphenol	8.425	108	187315	19.090	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.519	45	172343	19.883	ng/u1#	79
16) Acetophenone	8.813	105	306225	18.645	ng/u1#	82
17) N-Nitroso-di-n-propyla...	8.801	70	144940	19.318	ng/u1#	77
18) 4-Methylphenol	8.754	108	202954	18.938	ng/u1	96
19) Hexachloroethane	9.084	117	92281	21.065	ng/u1#	61
22) Nitrobenzene	9.189	77	222577	21.415	ng/u1#	85
23) Isophorone	9.725	82	390593	20.844	ng/u1#	90
25) 2-Nitrophenol	9.907	139	120995	22.244	ng/u1#	73
26) 2,4-Dimethylphenol	9.966	107	232081	21.094	ng/u1	87
27) Bis(2-Chloroethoxy)met...	10.207	93	243975	20.768	ng/u1#	96
29) 2,4-Dichlorophenol	10.442	162	218077	21.435	ng/u1	93
30) Naphthalene	10.854	128	660612	20.801	ng/u1	99
32) 4-Chloroaniline	10.954	127	277179	19.353	ng/u1	99
33) Hexachlorobutadiene	11.154	225	169913	21.929	ng/u1	96
34) Caprolactam	11.713	113	54941	17.946	ng/u1#	49
35) 4-Chloro-3-methylphenol	12.078	107	199046	20.023	ng/u1#	74
36) 2-Methylnaphthalene	12.460	142	458740	20.140	ng/u1	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030822\
 Data File : BM034172.D
 Acq On : 09 Mar 2022 05:31
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020099

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/09/2022
 Supervised By :Yogesh Patel 03/09/2022

Quant Time: Mar 09 06:54:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM030822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 08 13:09:16 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.677	142	471118	20.187	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.830	216	291677	22.221	ng/ul#	95
40) Hexachlorocyclopentadiene	12.813	237	201167	22.701	ng/ul	98
41) 2,4,6-Trichlorophenol	13.060	196	178621	22.293	ng/ul	96
42) 2,4,5-Trichlorophenol	13.130	196	191141	21.630	ng/ul	91
43) 1,1'-Biphenyl	13.466	154	628698	21.489	ng/ul#	96
44) 2-Chloronaphthalene	13.507	162	493794	21.474	ng/ul	95
45) 2-Nitroaniline	13.701	65	111914	21.150	ng/ul#	62
47) Dimethylphthalate	14.077	163	600764	20.830	ng/ul	100
48) 2,6-Dinitrotoluene	14.195	165	119131	20.782	ng/ul#	83
50) Acenaphthylene	14.348	152	755773	21.022	ng/ul	99
51) 3-Nitroaniline	14.519	138	86290	16.458	ng/ul#	75
52) Acenaphthene	14.689	153	491538	20.650	ng/ul	97
53) 2,4-Dinitrophenol	14.719	184	69110	19.054	ng/ul#	73
55) 4-Nitrophenol	14.819	109	93272	20.270	ng/ul#	74
56) Dibenzofuran	15.024	168	718629	20.497	ng/ul	93
57) 2,4-Dinitrotoluene	14.977	165	170598	20.352	ng/ul#	66
58) 2,3,4,6-Tetrachlorophenol	15.248	232	162217	21.178	ng/ul#	83
59) Diethylphthalate	15.442	149	577044	20.383	ng/ul	97
61) Fluorene	15.671	166	584797	20.277	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.666	204	318716	20.526	ng/ul#	88
63) 4-Nitroaniline	15.671	138	81243	16.750	ng/ul#	73
66) 4,6-Dinitro-2-methylph...	15.736	198	102681	20.338	ng/ul#	85
67) N-Nitrosodiphenylamine	15.871	169	497438	21.533	ng/ul	97
68) 4-Bromophenyl-phenylether	16.554	248	180040	21.256	ng/ul#	90
69) Hexachlorobenzene	16.677	284	236526	21.464	ng/ul#	87
70) Atrazine	16.818	200	194367	20.782	ng/ul	95
71) Pentachlorophenol	17.012	266	141076	20.173	ng/ul	95
72) Phenanthrene	17.407	178	908662	20.731	ng/ul	98
74) Anthracene	17.501	178	931978	21.042	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.430	216	293219	22.087	ng/uL	98
76) Pentachlorobenzene	14.948	250	288380	23.199	ng/uL	99
77) Carbazole	17.765	167	801581	20.296	ng/ul	98
78) Di-n-butylphthalate	18.336	149	927671	21.548	ng/ul#	98
80) Fluoranthene	19.418	202	1101637	20.772	ng/ul#	92
82) Pyrene	19.777	202	1130311	20.604	ng/ul#	91
83) Butylbenzylphthalate	20.671	149	398406	21.222	ng/ul#	78
84) 3,3'-Dichlorobenzidine	21.448	252	312624	19.555	ng/ul	96
85) Benzo(a)anthracene	21.518	228	1136876	20.980	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.453	149	583112	21.220	ng/ul#	98
87) Chrysene	21.577	228	1103486	20.847	ng/ul	98
89) Di-n-octyl phthalate	22.389	149	984817	17.429	ng/ul	100
90) Benzo(b)fluoranthene	23.236	252	1267098	20.129	ng/ul#	96
91) Benzo(k)fluoranthene	23.283	252	1154469	19.515	ng/ul#	98
93) Benzo(a)pyrene	23.871	252	1239226	20.966	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.530	276	1524517	24.707	ng/ul#	95
95) Dibenzo(a,h)anthracene	26.553	278	1316088	24.720	ng/ul	97
96) Benzo(g,h,i)perylene	27.318	276	1299214	25.196	ng/ul#	95

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

