

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092322\
 Data File : BM036736.D
 Acq On : 25 Sep 2022 04:57
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020188

Quant Time: Sep 26 01:16:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 24 00:41:16 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2022
 Supervised By :mohammad ahmed 09/26/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	370258	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.816	136	1602905	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.627	164	975745	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.362	188	1982181	20.000	ng/ul	-0.01
79) Chrysene-d12	21.533	240	1810256	20.000	ng/ul	-0.01
88) Perylene-d12	23.962	264	1513759	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.381	96	73276	7.419	ng/uL	0.00
4) Pyridine-d5	3.810	84	551947	19.162	ng/ul	0.00
7) Phenol-d5	7.157	99	665737	20.120	ng/ul	-0.02
9) Bis-(2-Chloroethyl)eth...	7.328	67	403561	20.084	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.528	132	511567	21.475	ng/ul	-0.01
15) 4-Methylphenol-d8	8.710	113	508576	20.802	ng/ul	-0.02
21) Nitrobenzene-d5	9.169	128	243471	22.441	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.892	143	226095	23.266	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.428	165	485698	21.566	ng/ul	-0.02
31) 4-Chloroaniline-d4	10.951	131	726399	19.399	ng/ul	-0.01
46) Dimethylphthalate-d6	14.039	166	1295510	19.686	ng/ul	-0.01
49) Acenaphthylene-d8	14.321	160	1564648	20.044	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.815	143	241736	18.939	ng/ul	-0.02
60) Fluorene-d10	15.615	176	1189651	20.172	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.727	200	144514	18.427	ng/ul	-0.01
73) Anthracene-d10	17.462	188	1835203	20.249	ng/ul	-0.01
81) Pyrene-d10	19.745	212	2015586	22.632	ng/ul	-0.01
92) Benzo(a)pyrene-d12	23.803	264	1512325	20.449	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	79100	7.435	ng/uL	93
5) Pyridine	3.834	79	554557	19.162	ng/ul	95
6) Benzaldehyde	7.140	77	402297m	25.108	ng/ul	
8) Phenol	7.187	94	717966	20.217	ng/ul	99
10) Bis(2-Chloroethyl)ether	7.422	93	555132	20.091	ng/ul	99
12) 2-Chlorophenol	7.563	128	555369	21.552	ng/ul	99
13) 2-Methylphenol	8.445	108	522767	20.027	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.539	45	653316	19.950	ng/ul	99
16) Acetophenone	8.834	105	852258	20.097	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.816	70	410206	20.047	ng/ul	97
18) 4-Methylphenol	8.775	108	578682	20.502	ng/ul	99
19) Hexachloroethane	9.086	117	213541	20.459	ng/ul	97
22) Nitrobenzene	9.210	77	631546	21.925	ng/ul	99
23) Isophorone	9.745	82	1097667	18.689	ng/ul	99
25) 2-Nitrophenol	9.922	139	272315	22.687	ng/ul	98
26) 2,4-Dimethylphenol	9.980	107	617135	20.846	ng/ul	100
27) Bis(2-Chloroethoxy)met...	10.222	93	715631	20.442	ng/ul	100
29) 2,4-Dichlorophenol	10.457	162	503499	21.266	ng/ul	100
30) Naphthalene	10.863	128	1788192	20.479	ng/ul	100
32) 4-Chloroaniline	10.975	127	759651	19.650	ng/ul	100
33) Hexachlorobutadiene	11.151	225	284827	19.670	ng/ul	99
34) Caprolactam	11.757	113	140949	18.352	ng/ul	97
35) 4-Chloro-3-methylphenol	12.092	107	546989	20.929	ng/ul	99
36) 2-Methylnaphthalene	12.463	142	1165357	20.031	ng/ul	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092322\
 Data File : BM036736.D
 Acq On : 25 Sep 2022 04:57
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020188

Quant Time: Sep 26 01:16:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 24 00:41:16 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 09/26/2022
 Supervised By :mohammad ahmed 09/26/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.680	142	1175968	20.106	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.827	216	562771	20.377	ng/ul	99
40) Hexachlorocyclopentadiene	12.810	237	222319	15.447	ng/ul	99
41) 2,4,6-Trichlorophenol	13.069	196	358258	21.186	ng/ul	100
42) 2,4,5-Trichlorophenol	13.139	196	394669	21.769	ng/ul	99
43) 1,1'-Biphenyl	13.469	154	1500404	20.860	ng/ul	99
44) 2-Chloronaphthalene	13.510	162	1178796	20.885	ng/ul	99
45) 2-Nitroaniline	13.710	65	332190	23.912	ng/ul	97
47) Dimethylphthalate	14.086	163	1378056	19.741	ng/ul	99
48) 2,6-Dinitrotoluene	14.204	165	257349	22.675	ng/ul	99
50) Acenaphthylene	14.351	152	1811111	20.293	ng/ul	99
51) 3-Nitroaniline	14.533	138	306130	22.490	ng/ul#	97
52) Acenaphthene	14.692	153	1272647	20.380	ng/ul	100
53) 2,4-Dinitrophenol	14.733	184	82661	16.414	ng/ul	96
55) 4-Nitrophenol	14.833	109	212198	19.448	ng/ul	98
56) Dibenzofuran	15.021	168	1734256	20.680	ng/ul	98
57) 2,4-Dinitrotoluene	14.986	165	379290	22.988	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.245	232	310350	20.450	ng/ul#	94
59) Diethylphthalate	15.445	149	1381610	19.771	ng/ul	99
61) Fluorene	15.668	166	1454827	20.369	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.662	204	683107	19.998	ng/ul	98
63) 4-Nitroaniline	15.692	138	311038	23.519	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.745	198	161496	18.249	ng/ul	97
67) N-Nitrosodiphenylamine	15.880	169	1191028	20.401	ng/ul	99
68) 4-Bromophenyl-phenylether	16.557	248	370919	18.985	ng/ul	98
69) Hexachlorobenzene	16.668	284	428534	18.545	ng/ul	99
70) Atrazine	16.827	200	376582	18.280	ng/ul	99
71) Pentachlorophenol	17.009	266	238855	17.401	ng/ul	97
72) Phenanthrene	17.409	178	2252701	20.633	ng/ul	100
74) Anthracene	17.498	178	2280976	20.554	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.433	216	553631	20.421	ng/ul	99
76) Pentachlorobenzene	14.939	250	582267	19.857	ng/ul	100
77) Carbazole	17.768	167	2078294	20.227	ng/ul	100
78) Di-n-butylphthalate	18.333	149	2321040	19.931	ng/ul	99
80) Fluoranthene	19.415	202	2467119	22.607	ng/ul	100
82) Pyrene	19.774	202	2651919	22.957	ng/ul	98
83) Butylbenzylphthalate	20.668	149	997751	22.794	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.450	252	710862	20.097	ng/ul	99
85) Benzo(a)anthracene	21.515	228	2381684	20.998	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.444	149	1544488	24.155	ng/ul	100
87) Chrysene	21.568	228	2220748	20.628	ng/ul	100
89) Di-n-octyl phthalate	22.380	149	2420337	26.521	ng/ul	100
90) Benzo(b)fluoranthene	23.221	252	2099877	21.875	ng/ul	99
91) Benzo(k)fluoranthene	23.268	252	1999910	20.850	ng/ul	98
93) Benzo(a)pyrene	23.850	252	1742526	20.649	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.491	276	1851744	18.791	ng/ul	96
95) Dibenzo(a,h)anthracene	26.509	278	1667861	18.662	ng/ul	98
96) Benzo(g,h,i)perylene	27.268	276	1595040	18.670	ng/ul	98

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

