

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041724\
 Data File : BM045344.D
 Acq On : 18 Apr 2024 08:13
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020107

Quant Time: Apr 18 08:46:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 17 12:42:01 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/19/2024
 Supervised By :mohammad ahmed 04/25/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	58615	20.000	ng/ul	0.00
20) Naphthalene-d8	10.339	136	232281	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.221	164	135551	20.000	ng/ul	0.00
64) Phenanthrene-d10	16.980	188	266212	20.000	ng/ul	0.00
79) Chrysene-d12	21.197	240	260495	20.000	ng/ul	0.00
88) Perylene-d12	23.391	264	354541	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	10415	6.635	ng/uL	0.00
4) Pyridine-d5	3.569	84	76415	17.902	ng/ul	0.00
7) Phenol-d5	6.757	99	90013	18.115	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.928	67	57392	19.386	ng/ul	0.00
11) 2-Chlorophenol-d4	7.104	132	78433	20.147	ng/ul	0.00
15) 4-Methylphenol-d8	8.281	113	71862	18.476	ng/ul	0.00
21) Nitrobenzene-d5	8.734	128	36880	20.670	ng/ul	0.00
24) 2-Nitrophenol-d4	9.439	143	38804	20.605	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	9.969	165	72088	20.878	ng/ul	0.00
31) 4-Chloroaniline-d4	10.498	131	98831	17.978	ng/ul	-0.01
46) Dimethylphthalate-d6	13.651	166	190069	20.139	ng/ul	0.00
49) Acenaphthylene-d8	13.910	160	228354	20.480	ng/ul	0.00
54) 4-Nitrophenol-d4	14.463	143	30599	15.535	ng/ul	0.00
60) Fluorene-d10	15.221	176	162739	19.341	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.368	200	26942	17.069	ng/ul	-0.01
73) Anthracene-d10	17.080	188	242332	20.235	ng/ul	0.00
81) Pyrene-d10	19.392	212	274301	21.385	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.250	264	346947	20.060	ng/ul	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.204	88	12526	7.641	ng/uL	93
5) Pyridine	3.587	79	76576	16.931	ng/ul	92
6) Benzaldehyde	6.740	77	57402	24.919	ng/ul	98
8) Phenol	6.781	94	93919	18.252	ng/ul	94
10) Bis(2-Chloroethyl)ether	7.022	93	76943	19.159	ng/ul	98
12) 2-Chlorophenol	7.134	128	80925	19.810	ng/ul	97
13) 2-Methylphenol	8.016	108	70273	18.502	ng/ul	95
14) 2,2'-oxybis(1-Chloropr...	8.092	45	93095m	19.436	ng/ul	
16) Acetophenone	8.398	105	116824	18.474	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.381	70	57358	19.211	ng/ul#	89
18) 4-Methylphenol	8.345	108	74126	18.107	ng/ul	97
19) Hexachloroethane	8.616	117	38740	21.562	ng/ul	94
22) Nitrobenzene	8.775	77	94455	21.578	ng/ul	96
23) Isophorone	9.292	82	159577	19.841	ng/ul	98
25) 2-Nitrophenol	9.475	139	43405	20.766	ng/ul#	88
26) 2,4-Dimethylphenol	9.534	107	80763	20.041	ng/ul	96
27) Bis(2-Chloroethoxy)met...	9.781	93	98280	20.613	ng/ul	97
29) 2,4-Dichlorophenol	9.998	162	69046	19.793	ng/ul	98
30) Naphthalene	10.386	128	245287	19.948	ng/ul	98
32) 4-Chloroaniline	10.522	127	95668	17.885	ng/ul	97
33) Hexachlorobutadiene	10.651	225	44213	20.384	ng/ul#	86
34) Caprolactam	11.322	113	19237m	16.334	ng/ul	
35) 4-Chloro-3-methylphenol	11.651	107	65840	18.986	ng/ul	98
36) 2-Methylnaphthalene	12.010	142	159616	19.881	ng/ul	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041724\
 Data File : BM045344.D
 Acq On : 18 Apr 2024 08:13
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020107

Quant Time: Apr 18 08:46:53 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 17 12:42:01 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/19/2024
 Supervised By :mohammad ahmed 04/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.233	142	159810	19.670	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.380	216	76943	20.756	ng/ul	96
40) Hexachlorocyclopentadiene	12.345	237	50193	22.367	ng/ul	95
41) 2,4,6-Trichlorophenol	12.639	196	51182	21.165	ng/ul	99
42) 2,4,5-Trichlorophenol	12.716	196	53665	20.141	ng/ul	98
43) 1,1'-Biphenyl	13.045	154	200869	20.985	ng/ul	99
44) 2-Chloronaphthalene	13.086	162	162680	20.919	ng/ul	99
45) 2-Nitroaniline	13.321	65	44347	20.659	ng/ul	96
47) Dimethylphthalate	13.698	163	192688	19.533	ng/ul	99
48) 2,6-Dinitrotoluene	13.827	165	39072	20.207	ng/ul#	84
50) Acenaphthylene	13.939	152	263296	20.219	ng/ul	99
51) 3-Nitroaniline	14.163	138	40030	18.980	ng/ul	95
52) Acenaphthene	14.286	153	173704	19.990	ng/ul	97
53) 2,4-Dinitrophenol	14.380	184	17041	14.824	ng/ul	88
55) 4-Nitrophenol	14.474	109	30413	17.556	ng/ul	86
56) Dibenzofuran	14.627	168	226254	19.028	ng/ul	96
57) 2,4-Dinitrotoluene	14.627	165	53915	18.628	ng/ul#	80
58) 2,3,4,6-Tetrachlorophenol	14.857	232	43515	19.082	ng/ul	97
59) Diethylphthalate	15.074	149	203360	20.206	ng/ul	98
61) Fluorene	15.280	166	184390	18.399	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.280	204	86483	18.410	ng/ul	99
63) 4-Nitroaniline	15.339	138	37190m	19.395	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.386	198	29667	17.551	ng/ul	96
67) N-Nitrosodiphenylamine	15.504	169	153965	21.439	ng/ul	99
68) 4-Bromophenyl-phenylether	16.180	248	55933	21.573	ng/ul	95
69) Hexachlorobenzene	16.274	284	68134	20.202	ng/ul	94
70) Atrazine	16.474	200	51910	19.651	ng/ul	99
71) Pentachlorophenol	16.633	266	37852m	18.476	ng/ul	
72) Phenanthrene	17.027	178	287174	20.046	ng/ul	98
74) Anthracene	17.115	178	295212	20.145	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.998	216	77748	23.172	ng/uL	96
76) Pentachlorobenzene	14.539	250	75894	21.259	ng/uL	97
77) Carbazole	17.404	167	268424	18.996	ng/ul	98
78) Di-n-butylphthalate	17.968	149	342027	21.463	ng/ul	98
80) Fluoranthene	19.056	202	329698	21.793	ng/ul	99
82) Pyrene	19.421	202	350525	21.471	ng/ul	99
83) Butylbenzylphthalate	20.345	149	157367	23.007	ng/ul	90
84) 3,3'-Dichlorobenzidine	21.127	252	118595	20.475	ng/ul#	95
85) Benzo(a)anthracene	21.180	228	354833	20.075	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.127	149	234824	21.963	ng/ul#	98
87) Chrysene	21.233	228	334692	20.313	ng/ul	98
89) Di-n-octyl phthalate	22.003	149	429462	19.252	ng/ul	100
90) Benzo(b)fluoranthene	22.739	252	417872	20.222	ng/ul	98
91) Benzo(k)fluoranthene	22.786	252	389735	18.738	ng/ul	99
93) Benzo(a)pyrene	23.297	252	398348	19.807	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.585	276	547275	21.008	ng/ul	98
95) Dibenzo(a,h)anthracene	25.603	278	456153	20.943	ng/ul	98
96) Benzo(g,h,i)perylene	26.256	276	456867	22.230	ng/ul	98

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