

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
 Data File : BM047123.D
 Acq On : 09 Aug 2024 16:20
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020138

Quant Time: Aug 10 01:12:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 09 01:30:34 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/12/2024
 Supervised By :mohammad ahmed 08/12/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.386	152	263191	20.000	ng/u1	0.00
20) Naphthalene-d8	10.139	136	1060729	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.045	164	700872	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.803	188	1487532	20.000	ng/u1	0.00
79) Chrysene-d12	21.038	240	1274668	20.000	ng/u1	0.00
88) Perylene-d12	23.738	264	1498501	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.016	96	49270	7.416	ng/uL	0.00
4) Pyridine-d5	3.404	84	359197	19.822	ng/u1	0.00
7) Phenol-d5	6.592	99	443641	22.190	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.745	67	270299	20.547	ng/u1	0.00
11) 2-Chlorophenol-d4	6.928	132	347519	20.520	ng/u1	0.00
15) 4-Methylphenol-d8	8.110	113	339378	21.428	ng/u1	0.00
21) Nitrobenzene-d5	8.533	128	170030	19.976	ng/u1	0.00
24) 2-Nitrophenol-d4	9.245	143	187443	20.165	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.780	165	361152	20.237	ng/u1	0.00
31) 4-Chloroaniline-d4	10.292	131	471864	20.118	ng/u1	0.00
46) Dimethylphthalate-d6	13.468	166	978434	18.258	ng/u1	0.00
49) Acenaphthylene-d8	13.727	160	1192649	19.938	ng/u1	0.00
54) 4-Nitrophenol-d4	14.286	143	198999	19.205	ng/u1	0.00
60) Fluorene-d10	15.045	176	883118	19.264	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.186	200	163585	17.406	ng/u1	0.00
73) Anthracene-d10	16.903	188	1378245	19.545	ng/u1	0.00
81) Pyrene-d10	19.215	212	1523113	20.874	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.556	264	1553268	19.685	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.046	88	52336	7.080	ng/uL	94
5) Pyridine	3.422	79	368554	20.544	ng/u1	94
6) Benzaldehyde	6.551	77	271811	23.669	ng/u1	99
8) Phenol	6.616	94	453265	22.512	ng/u1	91
10) Bis(2-Chloroethyl)ether	6.834	93	356172	20.754	ng/u1	94
12) 2-Chlorophenol	6.963	128	354728	20.674	ng/u1	95
13) 2-Methylphenol	7.845	108	329567	21.487	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	7.910	45	475235	23.109	ng/u1	98
16) Acetophenone	8.204	105	525244	21.070	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.198	70	274187	20.857	ng/u1	98
18) 4-Methylphenol	8.169	108	362296	21.862	ng/u1	98
19) Hexachloroethane	8.439	117	153331	18.346	ng/u1	94
22) Nitrobenzene	8.575	77	436597	19.199	ng/u1	93
23) Isophorone	9.098	82	755957	19.428	ng/u1	99
25) 2-Nitrophenol	9.275	139	205758	20.235	ng/u1	95
26) 2,4-Dimethylphenol	9.357	107	373466	18.633	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.586	93	467981	19.509	ng/u1	99
29) 2,4-Dichlorophenol	9.804	162	355456	19.970	ng/u1	98
30) Naphthalene	10.192	128	1112490	19.809	ng/u1	100
32) 4-Chloroaniline	10.316	127	468545	20.571	ng/u1	99
33) Hexachlorobutadiene	10.480	225	217248	16.918	ng/u1	99
34) Caprolactam	11.104	113	109551m	20.324	ng/u1	
35) 4-Chloro-3-methylphenol	11.463	107	364060	19.836	ng/u1	97
36) 2-Methylnaphthalene	11.816	142	774727	19.756	ng/u1	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080924\
 Data File : BM047123.D
 Acq On : 09 Aug 2024 16:20
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020138

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/12/2024
 Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 10 01:12:42 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Aug 09 01:30:34 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.039	142	780463	19.660	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.198	216	409590	18.634	ng/ul	99
40) Hexachlorocyclopentadiene	12.174	237	226782	15.662	ng/ul	97
41) 2,4,6-Trichlorophenol	12.457	196	284189	19.753	ng/ul	96
42) 2,4,5-Trichlorophenol	12.533	196	311767	20.070	ng/ul	99
43) 1,1'-Biphenyl	12.863	154	1009677	19.256	ng/ul	97
44) 2-Chloronaphthalene	12.898	162	821650	19.733	ng/ul	98
45) 2-Nitroaniline	13.121	65	251020	19.838	ng/ul	98
47) Dimethylphthalate	13.521	163	989147	18.395	ng/ul	99
48) 2,6-Dinitrotoluene	13.639	165	207255	19.826	ng/ul#	85
50) Acenaphthylene	13.757	152	1252448	19.825	ng/ul	99
51) 3-Nitroaniline	13.968	138	228796	21.491	ng/ul	95
52) Acenaphthene	14.104	153	880392	19.330	ng/ul	99
53) 2,4-Dinitrophenol	14.180	184	155376	21.065	ng/ul	87
55) 4-Nitrophenol	14.304	109	166674	15.894	ng/ul#	83
56) Dibenzofuran	14.451	168	1221375	19.108	ng/ul	95
57) 2,4-Dinitrotoluene	14.433	165	306229	19.170	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.686	232	253164	18.333	ng/ul#	95
59) Diethylphthalate	14.904	149	1013011	17.512	ng/ul	99
61) Fluorene	15.104	166	991373	18.804	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.109	204	460981	17.761	ng/ul	95
63) 4-Nitroaniline	15.139	138	240154m	22.827	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.204	198	181802	17.679	ng/ul	94
67) N-Nitrosodiphenylamine	15.327	169	852966	19.345	ng/ul	99
68) 4-Bromophenyl-phenylether	16.004	248	296311	18.404	ng/ul	95
69) Hexachlorobenzene	16.109	284	356384	18.798	ng/ul	98
70) Atrazine	16.298	200	306052	17.692	ng/ul	98
71) Pentachlorophenol	16.462	266	232692	18.128	ng/ul	96
72) Phenanthrene	16.845	178	1607065	19.273	ng/ul	99
74) Anthracene	16.933	178	1629005	19.372	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.821	216	421500	19.694	ng/ul	98
76) Pentachlorobenzene	14.368	250	417575	18.849	ng/ul	99
77) Carbazole	17.215	167	1532493	19.658	ng/ul	99
78) Di-n-butylphthalate	17.803	149	1776959	17.925	ng/ul	98
80) Fluoranthene	18.874	202	1834681	21.039	ng/ul	97
82) Pyrene	19.244	202	1922993	20.695	ng/ul	97
83) Butylbenzylphthalate	20.186	149	824717	20.307	ng/ul	97
84) 3,3'-Dichlorobenzidine	20.962	252	564508	18.065	ng/ul	100
85) Benzo(a)anthracene	21.021	228	1835233	19.714	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.986	149	1176133	19.837	ng/ul	99
87) Chrysene	21.080	228	1717343	19.342	ng/ul	99
89) Di-n-octyl phthalate	22.021	149	2004913	18.965	ng/ul	100
90) Benzo(b)fluoranthene	22.897	252	1845616	19.911	ng/ul	99
91) Benzo(k)fluoranthene	22.950	252	1834506	20.027	ng/ul	98
93) Benzo(a)pyrene	23.615	252	1727208	20.001	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.744	276	2159981	19.523	ng/ul	98
95) Dibenzo(a,h)anthracene	26.791	278	1744048	19.625	ng/ul	98
96) Benzo(g,h,i)perylene	27.667	276	1677896	19.194	ng/ul	97

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

