

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061324\
 Data File : BM046002.D
 Acq On : 12 Jun 2024 18:40
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020118

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/13/2024
 Supervised By :mohammad ahmed 06/15/2024

Quant Time: Jun 13 04:06:44 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Jun 11 16:01:34 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.434	152	104148	20.000	ng/u1	0.00
20) Naphthalene-d8	10.198	136	471648	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.074	164	314737	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.827	188	687689	20.000	ng/u1	0.00
79) Chrysene-d12	21.039	240	691111	20.000	ng/u1	0.00
88) Perylene-d12	23.738	264	706064	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.034	96	18667	6.949	ng/uL	0.00
4) Pyridine-d5	3.446	84	136296	19.705	ng/u1	0.00
7) Phenol-d5	6.687	99	181654	20.531	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.804	67	131268	20.661	ng/u1	0.00
11) 2-Chlorophenol-d4	6.998	132	134542	20.358	ng/u1	0.00
15) 4-Methylphenol-d8	8.204	113	143975	21.539	ng/u1	0.00
21) Nitrobenzene-d5	8.598	128	69411	18.823	ng/u1	0.00
24) 2-Nitrophenol-d4	9.310	143	71775	19.231	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.857	165	145642	20.810	ng/u1	0.00
31) 4-Chloroaniline-d4	10.380	131	200095	20.658	ng/u1	0.00
46) Dimethylphthalate-d6	13.527	166	433858	19.912	ng/u1	0.00
49) Acenaphthylene-d8	13.768	160	514582	20.337	ng/u1	0.00
54) 4-Nitrophenol-d4	14.380	143	105687	22.475	ng/u1	0.00
60) Fluorene-d10	15.074	176	391184	21.044	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.221	200	65535	18.662	ng/u1	0.00
73) Anthracene-d10	16.927	188	607314	20.315	ng/u1	0.00
81) Pyrene-d10	19.227	212	734088	17.080	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.556	264	677531	20.532	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.069	88	20743	6.977	ng/uL	86
5) Pyridine	3.463	79	137297	19.329	ng/u1	86
6) Benzaldehyde	6.610	77	103404m	24.848	ng/u1	
8) Phenol	6.716	94	193769	21.117	ng/u1	90
10) Bis(2-Chloroethyl)ether	6.892	93	149312	19.495	ng/u1	92
12) 2-Chlorophenol	7.028	128	143089	20.551	ng/u1	90
13) 2-Methylphenol	7.934	108	141588	21.073	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	7.975	45	348723	23.117	ng/u1	99
16) Acetophenone	8.275	105	246549	22.131	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.263	70	140876	22.884	ng/u1#	86
18) 4-Methylphenol	8.263	108	156588	22.523	ng/u1	98
19) Hexachloroethane	8.498	117	67361	20.143	ng/u1	97
22) Nitrobenzene	8.639	77	216336	20.962	ng/u1	97
23) Isophorone	9.169	82	377716	20.713	ng/u1	99
25) 2-Nitrophenol	9.339	139	81262	19.918	ng/u1	99
26) 2,4-Dimethylphenol	9.439	107	170216	20.566	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.651	93	211066	19.064	ng/u1	98
29) 2,4-Dichlorophenol	9.880	162	144282	20.692	ng/u1	98
30) Naphthalene	10.245	128	496223	19.730	ng/u1	99
32) 4-Chloroaniline	10.404	127	197609	20.871	ng/u1	97
33) Hexachlorobutadiene	10.539	225	92509	19.367	ng/u1	95
34) Caprolactam	11.239	113	45447m	23.141	ng/u1	
35) 4-Chloro-3-methylphenol	11.557	107	161616	21.364	ng/u1	99
36) 2-Methylnaphthalene	11.869	142	340126	20.420	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.092	142	343940	20.653	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.245	216	179966	19.092	ng/ul	98
40) Hexachlorocyclopentadiene	12.233	237	107173	18.734	ng/ul	99
41) 2,4,6-Trichlorophenol	12.516	196	112801	20.568	ng/ul	98
42) 2,4,5-Trichlorophenol	12.604	196	121060	20.342	ng/ul	98
43) 1,1'-Biphenyl	12.910	154	444152	19.021	ng/ul	97
44) 2-Chloronaphthalene	12.939	162	355775	19.443	ng/ul	99
45) 2-Nitroaniline	13.192	65	144874	23.185	ng/ul	92
47) Dimethylphthalate	13.574	163	448494	20.271	ng/ul	100
48) 2,6-Dinitrotoluene	13.680	165	87461	20.549	ng/ul#	81
50) Acenaphthylene	13.798	152	600971	20.522	ng/ul	100
51) 3-Nitroaniline	14.027	138	88430	22.626	ng/ul	97
52) Acenaphthene	14.139	153	398776	20.406	ng/ul	99
53) 2,4-Dinitrophenol	14.221	184	36846	19.013	ng/ul	90
55) 4-Nitrophenol	14.392	109	96308	24.824	ng/ul	96
56) Dibenzofuran	14.480	168	546523	20.739	ng/ul	99
57) 2,4-Dinitrotoluene	14.480	165	134204	22.791	ng/ul#	61
58) 2,3,4,6-Tetrachlorophenol	14.733	232	106682	23.725	ng/ul	95
59) Diethylphthalate	14.945	149	462388	20.872	ng/ul	99
61) Fluorene	15.133	166	461861	21.752	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.139	204	219535	20.830	ng/ul	98
63) 4-Nitroaniline	15.210	138	86079	26.524	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.233	198	72714	18.866	ng/ul#	84
67) N-Nitrosodiphenylamine	15.357	169	372085	19.093	ng/ul	99
68) 4-Bromophenyl-phenylether	16.033	248	133925	18.679	ng/ul	98
69) Hexachlorobenzene	16.133	284	153801	19.397	ng/ul	95
70) Atrazine	16.333	200	106965	18.107	ng/ul	96
71) Pentachlorophenol	16.504	266	88380	21.967	ng/ul	98
72) Phenanthrene	16.868	178	737060	20.341	ng/ul	99
74) Anthracene	16.957	178	751101	20.752	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.863	216	181949	17.060	ng/uL	98
76) Pentachlorobenzene	14.398	250	180523	18.097	ng/uL	97
77) Carbazole	17.251	167	673614	21.812	ng/ul	100
78) Di-n-butylphthalate	17.821	149	797146	19.628	ng/ul	99
80) Fluoranthene	18.892	202	884966	16.985	ng/ul	98
82) Pyrene	19.256	202	934943	17.465	ng/ul	99
83) Butylbenzylphthalate	20.186	149	374161	17.150	ng/ul	94
84) 3,3'-Dichlorobenzidine	20.974	252	271820	19.912	ng/ul	99
85) Benzo(a)anthracene	21.021	228	940524	19.709	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.974	149	571591	17.634	ng/ul	99
87) Chrysene	21.080	228	882544	19.992	ng/ul	100
89) Di-n-octyl phthalate	21.997	149	959055	17.761	ng/ul	100
90) Benzo(b)fluoranthene	22.897	252	863285	19.895	ng/ul	99
91) Benzo(k)fluoranthene	22.950	252	880341	20.772	ng/ul	100
93) Benzo(a)pyrene	23.615	252	786423	20.625	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.721	276	852667	20.478	ng/ul	96
95) Dibenzo(a,h)anthracene	26.762	278	711338	21.599	ng/ul	99
96) Benzo(g,h,i)perylene	27.644	276	682586	18.612	ng/ul	98

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

