

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
 Data File : BM044325.D
 Acq On : 26 Feb 2024 10:49
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020198

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/27/2024
 Supervised By :mohammad ahmed 02/29/2024

Quant Time: Feb 26 23:26:29 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sun Feb 25 22:57:38 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	216253	20.000	ng/u1	0.00
20) Naphthalene-d8	10.728	136	962523	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.568	164	581369	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.321	188	1195393	20.000	ng/u1	0.01
79) Chrysene-d12	21.515	240	1054142	20.000	ng/u1	0.00
88) Perylene-d12	23.927	264	1152321	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	50356	7.347	ng/uL	0.00
4) Pyridine-d5	3.769	84	351220	18.763	ng/u1	0.00
7) Phenol-d5	7.087	99	390654	18.857	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.269	67	259997	19.381	ng/u1	0.01
11) 2-Chlorophenol-d4	7.451	132	307639	19.717	ng/u1	0.01
15) 4-Methylphenol-d8	8.639	113	302324	19.287	ng/u1	0.01
21) Nitrobenzene-d5	9.092	128	151590	19.370	ng/u1	0.00
24) 2-Nitrophenol-d4	9.816	143	159285	19.949	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	10.351	165	278323	19.761	ng/u1	0.01
31) 4-Chloroaniline-d4	10.875	131	453856	19.186	ng/u1	0.01
46) Dimethylphthalate-d6	13.992	166	865125	19.295	ng/u1	0.01
49) Acenaphthylene-d8	14.263	160	1001078	19.405	ng/u1	0.01
54) 4-Nitrophenol-d4	14.774	143	159049	17.826	ng/u1	0.01
60) Fluorene-d10	15.562	176	745057	19.632	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.686	200	131100	17.675	ng/u1	0.00
73) Anthracene-d10	17.415	188	1132482	19.869	ng/u1	0.00
81) Pyrene-d10	19.715	212	1256430	19.812	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.774	264	1174056	19.884	ng/u1	0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	54088	7.487	ng/uL	97
5) Pyridine	3.793	79	380013	19.405	ng/u1	98
6) Benzaldehyde	7.069	77	223084m	24.808	ng/u1	
8) Phenol	7.116	94	411141	19.093	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.357	93	345688	19.179	ng/u1	97
12) 2-Chlorophenol	7.481	128	318307	19.719	ng/u1	99
13) 2-Methylphenol	8.369	108	302949	19.096	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.457	45	468940	19.029	ng/u1	98
16) Acetophenone	8.757	105	507532	20.266	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.745	70	261051	20.809	ng/u1	99
18) 4-Methylphenol	8.698	108	330724	19.570	ng/u1	97
19) Hexachloroethane	8.998	117	132210	19.307	ng/u1	92
22) Nitrobenzene	9.139	77	365923	19.334	ng/u1	98
23) Isophorone	9.663	82	723854	19.733	ng/u1	99
25) 2-Nitrophenol	9.845	139	176845	19.970	ng/u1	99
26) 2,4-Dimethylphenol	9.904	107	332743	19.678	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.157	93	468182	19.633	ng/u1	100
29) 2,4-Dichlorophenol	10.375	162	285627	20.038	ng/u1	99
30) Naphthalene	10.780	128	1057629	19.320	ng/u1	99
32) 4-Chloroaniline	10.898	127	441812	19.167	ng/u1	98
33) Hexachlorobutadiene	11.051	225	163724	19.065	ng/u1	98
34) Caprolactam	11.680	113	90117	18.289	ng/u1	87
35) 4-Chloro-3-methylphenol	12.022	107	315581	20.780	ng/u1	98
36) 2-Methylnaphthalene	12.392	142	703578	20.178	ng/u1	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022624\
 Data File : BM044325.D
 Acq On : 26 Feb 2024 10:49
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD020198

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 02/27/2024
 Supervised By :mohammad ahmed 02/29/2024

Quant Time: Feb 26 23:26:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Feb 25 22:57:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.610	142	685992	19.902	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.757	216	321765	18.696	ng/ul	99
40) Hexachlorocyclopentadiene	12.727	237	196758	16.993	ng/ul	98
41) 2,4,6-Trichlorophenol	13.004	196	215448	19.640	ng/ul	99
42) 2,4,5-Trichlorophenol	13.069	196	235140	19.828	ng/ul	97
43) 1,1'-Biphenyl	13.404	154	886332	18.727	ng/ul	98
44) 2-Chloronaphthalene	13.445	162	706463	19.063	ng/ul	99
45) 2-Nitroaniline	13.657	65	203154	19.800	ng/ul	98
47) Dimethylphthalate	14.039	163	889224	19.404	ng/ul	100
48) 2,6-Dinitrotoluene	14.163	165	171363	19.995	ng/ul	96
50) Acenaphthylene	14.292	152	1188487	19.450	ng/ul	100
51) 3-Nitroaniline	14.486	138	177356	19.616	ng/ul	99
52) Acenaphthene	14.633	153	776145	19.241	ng/ul	99
53) 2,4-Dinitrophenol	14.692	184	81755	15.373	ng/ul	98
55) 4-Nitrophenol	14.786	109	112337	18.328	ng/ul	99
56) Dibenzofuran	14.968	168	1055290	19.488	ng/ul	99
57) 2,4-Dinitrotoluene	14.945	165	251474	20.425	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.192	232	192330	20.152	ng/ul	100
59) Diethylphthalate	15.404	149	933702	19.794	ng/ul	100
61) Fluorene	15.615	166	867000	19.934	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.615	204	409955	20.000	ng/ul	98
63) 4-Nitroaniline	15.651	138	182561	20.877	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.698	198	145402	17.920	ng/ul	94
67) N-Nitrosodiphenylamine	15.833	169	717956	19.819	ng/ul	100
68) 4-Bromophenyl-phenylether	16.515	248	221455	18.646	ng/ul	97
69) Hexachlorobenzene	16.609	284	268241	19.732	ng/ul	100
70) Atrazine	16.792	200	234354	19.749	ng/ul	98
71) Pentachlorophenol	16.962	266	164966	18.415	ng/ul	98
72) Phenanthrene	17.362	178	1342816	19.582	ng/ul	99
74) Anthracene	17.451	178	1359578	19.691	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.363	216	318982	19.063	ng/uL	98
76) Pentachlorobenzene	14.880	250	312564	19.567	ng/uL	98
77) Carbazole	17.727	167	1268461	19.538	ng/ul	100
78) Di-n-butylphthalate	18.303	149	1657072	20.159	ng/ul	100
80) Fluoranthene	19.380	202	1504513	19.781	ng/ul	99
82) Pyrene	19.745	202	1591267	19.949	ng/ul	99
83) Butylbenzylphthalate	20.668	149	709507	19.803	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.444	252	444140	18.836	ng/ul	99
85) Benzo(a)anthracene	21.503	228	1568607	19.952	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.450	149	1135684	20.704	ng/ul	99
87) Chrysene	21.556	228	1440941	19.498	ng/ul	100
89) Di-n-octyl phthalate	22.391	149	1885540	19.098	ng/ul	100
90) Benzo(b)fluoranthene	23.197	252	1526304	20.661	ng/ul	99
91) Benzo(k)fluoranthene	23.244	252	1478574	19.487	ng/ul	99
93) Benzo(a)pyrene	23.821	252	1424248	19.997	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.432	276	1675648	19.455	ng/ul	99
95) Dibenzo(a,h)anthracene	26.462	278	1397333	19.414	ng/ul	99
96) Benzo(g,h,i)perylene	27.203	276	1339393	19.224	ng/ul	98

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

