

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM022324\
 Data File : BM044277.D
 Acq On : 23 Feb 2024 19:25
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020194

Manual Integrations

APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Feb 24 03:02:19 2024

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

Quant Title : SVOA CALIBRATION

QLast Update : Fri Feb 23 22:49:27 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	231185	20.000	ng/u1	0.01
20) Naphthalene-d8	10.710	136	1005504	20.000	ng/u1	0.01
38) Acenaphthene-d10	14.551	164	582161	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.304	188	1238262	20.000	ng/u1	0.01
79) Chrysene-d12	21.509	240	1092878	20.000	ng/u1	0.01
88) Perylene-d12	23.909	264	1227798	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	54972	7.502	ng/uL	0.00
4) Pyridine-d5	3.763	84	382319	19.105	ng/u1	0.00
7) Phenol-d5	7.069	99	416630	18.812	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.251	67	270690	18.875	ng/u1	0.01
11) 2-Chlorophenol-d4	7.434	132	329776	19.771	ng/u1	0.01
15) 4-Methylphenol-d8	8.622	113	316613	18.894	ng/u1	0.02
21) Nitrobenzene-d5	9.075	128	160651	19.650	ng/u1	0.01
24) 2-Nitrophenol-d4	9.798	143	165562	19.849	ng/u1	0.02
28) 2,4-Dichlorophenol-d3	10.328	165	294068	19.986	ng/u1	0.01
31) 4-Chloroaniline-d4	10.857	131	469418	18.996	ng/u1	0.01
46) Dimethylphthalate-d6	13.974	166	911344	20.298	ng/u1	0.01
49) Acenaphthylene-d8	14.245	160	1031412	19.966	ng/u1	0.01
54) 4-Nitrophenol-d4	14.757	143	172823	19.344	ng/u1	0.01
60) Fluorene-d10	15.545	176	763382	20.088	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.674	200	138908	18.079	ng/u1	0.01
73) Anthracene-d10	17.404	188	1170168	19.819	ng/u1	0.01
81) Pyrene-d10	19.703	212	1305504	19.856	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.756	264	1228990	19.535	ng/u1	0.02
Target Compounds						
2) 1,4-Dioxane	3.387	88	57376	7.429	ng/uL	98
5) Pyridine	3.781	79	393878	18.814	ng/u1	99
6) Benzaldehyde	7.057	77	236995m	24.652	ng/u1	
8) Phenol	7.098	94	433830	18.845	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.345	93	365694	18.979	ng/u1	99
12) 2-Chlorophenol	7.469	128	339724	19.687	ng/u1	98
13) 2-Methylphenol	8.351	108	320862	18.919	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.440	45	492855	18.707	ng/u1	99
16) Acetophenone	8.739	105	525580	19.632	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.728	70	275297	20.527	ng/u1	99
18) 4-Methylphenol	8.681	108	349247	19.331	ng/u1	95
19) Hexachloroethane	8.981	117	141544	19.335	ng/u1	97
22) Nitrobenzene	9.122	77	381467	19.293	ng/u1	99
23) Isophorone	9.645	82	762305	19.893	ng/u1	99
25) 2-Nitrophenol	9.828	139	184639	19.959	ng/u1	96
26) 2,4-Dimethylphenol	9.886	107	347456	19.670	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.139	93	483785	19.420	ng/u1	99
29) 2,4-Dichlorophenol	10.357	162	297576	19.983	ng/u1	99
30) Naphthalene	10.763	128	1108562	19.385	ng/u1	99
32) 4-Chloroaniline	10.881	127	454704	18.883	ng/u1	99
33) Hexachlorobutadiene	11.033	225	172716	19.252	ng/u1	98
34) Caprolactam	11.657	113	96833	18.812	ng/u1	96
35) 4-Chloro-3-methylphenol	12.004	107	326775	20.598	ng/u1	96
36) 2-Methylnaphthalene	12.375	142	721143	19.798	ng/u1	100

02/26/2024

Supervised By :mohammad
 Ahmed

02/26/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.592	142	710933	19.744	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.739	216	333571	19.356	ng/ul	99
40) Hexachlorocyclopentadiene	12.710	237	214734	18.520	ng/ul	98
41) 2,4,6-Trichlorophenol	12.986	196	221398	20.155	ng/ul	97
42) 2,4,5-Trichlorophenol	13.051	196	237952	20.038	ng/ul	99
43) 1,1'-Biphenyl	13.392	154	914767	19.301	ng/ul	98
44) 2-Chloronaphthalene	13.427	162	723400	19.493	ng/ul	99
45) 2-Nitroaniline	13.645	65	210970	20.533	ng/ul	99
47) Dimethylphthalate	14.022	163	927421	20.210	ng/ul	100
48) 2,6-Dinitrotoluene	14.145	165	177271	20.657	ng/ul	99
50) Acenaphthylene	14.274	152	1220145	19.941	ng/ul	100
51) 3-Nitroaniline	14.469	138	188310	20.800	ng/ul	97
52) Acenaphthene	14.616	153	786892	19.480	ng/ul	99
53) 2,4-Dinitrophenol	14.674	184	92663	17.401	ng/ul	99
55) 4-Nitrophenol	14.769	109	117589	19.159	ng/ul	99
56) Dibenzofuran	14.951	168	1072047	19.770	ng/ul	100
57) 2,4-Dinitrotoluene	14.927	165	263089	21.339	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.174	232	200206	20.949	ng/ul	99
59) Diethylphthalate	15.386	149	970916	20.555	ng/ul	99
61) Fluorene	15.604	166	888507	20.401	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.604	204	421190	20.520	ng/ul	98
63) 4-Nitroaniline	15.633	138	197654	22.572	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.686	198	155089	18.452	ng/ul	99
67) N-Nitrosodiphenylamine	15.821	169	739380	19.704	ng/ul	100
68) 4-Bromophenyl-phenylether	16.498	248	240760	19.569	ng/ul	97
69) Hexachlorobenzene	16.598	284	275839	19.589	ng/ul	98
70) Atrazine	16.780	200	242328	19.714	ng/ul	98
71) Pentachlorophenol	16.951	266	173235	18.668	ng/ul	99
72) Phenanthrene	17.345	178	1373126	19.330	ng/ul	100
74) Anthracene	17.439	178	1407442	19.679	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.345	216	323301	18.652	ng/uL	98
76) Pentachlorobenzene	14.863	250	316163	19.107	ng/uL	98
77) Carbazole	17.715	167	1303900	19.389	ng/ul	99
78) Di-n-butylphthalate	18.292	149	1734035	20.365	ng/ul	100
80) Fluoranthene	19.368	202	1550155	19.658	ng/ul	99
82) Pyrene	19.733	202	1617984	19.565	ng/ul	99
83) Butylbenzylphthalate	20.656	149	750547	20.206	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.433	252	496684	20.318	ng/ul	99
85) Benzo(a)anthracene	21.492	228	1600070	19.631	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.439	149	1188611	20.901	ng/ul	99
87) Chrysene	21.545	228	1475933	19.264	ng/ul	99
89) Di-n-octyl phthalate	22.380	149	2005006	19.060	ng/ul	100
90) Benzo(b)fluoranthene	23.180	252	1574378	20.002	ng/ul	99
91) Benzo(k)fluoranthene	23.227	252	1554466	19.228	ng/ul	99
93) Benzo(a)pyrene	23.803	252	1482817	19.539	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.403	276	1770770	19.295	ng/ul	99
95) Dibenzo(a,h)anthracene	26.432	278	1498907	19.545	ng/ul	99
96) Benzo(g,h,i)perylene	27.168	276	1415744	19.071	ng/ul	98

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

