

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082222\
 Data File : BM036391.D
 Acq On : 23 Aug 2022 15:44
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020160

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/24/2022

Supervised By :Sohil Jodhani 08/24/2022

Quant Time: Aug 24 00:59:37 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM081622.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Aug 23 00:55:01 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	272171	20.000	ng/u1	0.00
20) Naphthalene-d8	10.586	136	1292401	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.433	164	782298	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.180	188	1444589	20.000	ng/u1	0.00
79) Chrysene-d12	21.362	240	1056768	20.000	ng/u1	0.00
88) Perylene-d12	23.691	264	979416	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.205	96	50870	7.123	ng/uL	0.00
4) Pyridine-d5	3.628	84	395117	20.063	ng/u1	0.00
7) Phenol-d5	6.963	99	471687	20.303	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.128	67	312327	21.358	ng/u1	0.00
11) 2-Chlorophenol-d4	7.316	132	365241	20.009	ng/u1	-0.01
15) 4-Methylphenol-d8	8.510	113	366440	21.125	ng/u1	0.00
21) Nitrobenzene-d5	8.957	128	189366	19.325	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	189934	19.109	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	352017	19.821	ng/u1	0.00
31) 4-Chloroaniline-d4	10.739	131	540964	19.648	ng/u1	0.00
46) Dimethylphthalate-d6	13.857	166	996108	20.127	ng/u1	0.00
49) Acenaphthylene-d8	14.127	160	1207759	19.566	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	161869	17.261	ng/u1	0.00
60) Fluorene-d10	15.427	176	873425	19.530	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	123440	16.621	ng/u1	0.00
73) Anthracene-d10	17.280	188	1216872	18.945	ng/u1	0.00
81) Pyrene-d10	19.574	212	1165822	21.267	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.539	264	927248	19.309	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.240	88	55977	7.442	ng/uL	94
5) Pyridine	3.646	79	402181	19.769	ng/u1	94
6) Benzaldehyde	6.934	77	229727	24.073	ng/u1	90
8) Phenol	6.993	94	492287	20.381	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.222	93	400762	20.744	ng/u1	99
12) 2-Chlorophenol	7.351	128	390164	20.441	ng/u1	99
13) 2-Methylphenol	8.245	108	370722	20.821	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.328	45	597127	23.102	ng/u1	98
16) Acetophenone	8.622	105	617244	22.124	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.604	70	330651	23.811	ng/u1	97
18) 4-Methylphenol	8.575	108	408971	21.458	ng/u1	98
19) Hexachloroethane	8.857	117	156796	19.635	ng/u1	83
22) Nitrobenzene	8.998	77	468311	20.171	ng/u1	95
23) Isophorone	9.528	82	885622	21.480	ng/u1	95
25) 2-Nitrophenol	9.710	139	212322	19.174	ng/u1	92
26) 2,4-Dimethylphenol	9.775	107	440371	19.885	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.010	93	556089	20.717	ng/u1	98
29) 2,4-Dichlorophenol	10.245	162	358338	19.721	ng/u1	100
30) Naphthalene	10.639	128	1322855	19.502	ng/u1	100
32) 4-Chloroaniline	10.763	127	547500	19.551	ng/u1	99
33) Hexachlorobutadiene	10.916	225	207235	18.155	ng/u1	98
34) Caprolactam	11.557	113	107963	19.831	ng/u1	96
35) 4-Chloro-3-methylphenol	11.898	107	387402	21.087	ng/u1	99
36) 2-Methylnaphthalene	12.251	142	868969	20.418	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.475	142	879592	20.522	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.622	216	401158	18.553	ng/ul	99
40) Hexachlorocyclopentadiene	12.592	237	247744	19.313	ng/ul	97
41) 2,4,6-Trichlorophenol	12.875	196	261785	19.240	ng/ul	99
42) 2,4,5-Trichlorophenol	12.945	196	275896	19.117	ng/ul	99
43) 1,1'-Biphenyl	13.269	154	1148888	19.527	ng/ul	98
44) 2-Chloronaphthalene	13.310	162	856932	18.980	ng/ul	98
45) 2-Nitroaniline	13.533	65	253845	20.763	ng/ul	94
47) Dimethylphthalate	13.904	163	1024714	20.114	ng/ul	100
48) 2,6-Dinitrotoluene	14.027	165	191879	19.962	ng/ul#	82
50) Acenaphthylene	14.157	152	1437303	19.745	ng/ul	100
51) 3-Nitroaniline	14.357	138	195151	18.565	ng/ul	94
52) Acenaphthene	14.498	153	939953	19.811	ng/ul	98
53) 2,4-Dinitrophenol	14.569	184	95828	18.293	ng/ul#	89
55) 4-Nitrophenol	14.674	109	126180	17.030	ng/ul	86
56) Dibenzofuran	14.833	168	1283383	19.494	ng/ul	97
57) 2,4-Dinitrotoluene	14.816	165	273216	20.043	ng/ul#	87
58) 2,3,4,6-Tetrachlorophenol	15.063	232	214923	19.613	ng/ul#	89
59) Diethylphthalate	15.263	149	1051782	20.944	ng/ul	100
61) Fluorene	15.480	166	1052408	20.154	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.480	204	483184	19.809	ng/ul	100
63) 4-Nitroaniline	15.521	138	167934m	17.126	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.574	198	126738	16.878	ng/ul#	88
67) N-Nitrosodiphenylamine	15.698	169	849244	20.563	ng/ul	98
68) 4-Bromophenyl-phenylether	16.374	248	267458	19.995	ng/ul	99
69) Hexachlorobenzene	16.480	284	304934	18.811	ng/ul	94
70) Atrazine	16.651	200	270442	19.165	ng/ul	97
71) Pentachlorophenol	16.833	266	174406	19.516	ng/ul	99
72) Phenanthrene	17.221	178	1484465	19.547	ng/ul	98
74) Anthracene	17.315	178	1480920	19.451	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.233	216	413124	19.060	ng/ul	97
76) Pentachlorobenzene	14.751	250	395837	19.558	ng/ul	99
77) Carbazole	17.592	167	1286856	18.052	ng/ul	99
78) Di-n-butylphthalate	18.151	149	1604343	20.576	ng/ul	99
80) Fluoranthene	19.239	202	1451499	21.909	ng/ul	99
82) Pyrene	19.604	202	1485720	21.490	ng/ul	99
83) Butylbenzylphthalate	20.503	149	561536	21.711	ng/ul	87
84) 3,3'-Dichlorobenzidine	21.292	252	353250	16.233	ng/ul	96
85) Benzo(a)anthracene	21.350	228	1235995	19.463	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.280	149	800595	22.419	ng/ul#	97
87) Chrysene	21.403	228	1193942	19.134	ng/ul	99
89) Di-n-octyl phthalate	22.180	149	1235823	21.226	ng/ul	100
90) Benzo(b)fluoranthene	22.980	252	1159710	19.421	ng/ul	99
91) Benzo(k)fluoranthene	23.027	252	1126410	19.827	ng/ul	99
93) Benzo(a)pyrene	23.586	252	1148253	19.546	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.103	276	1269277	18.377	ng/ul	99
95) Dibenzo(a,h)anthracene	26.115	278	1084802	18.233	ng/ul	100
96) Benzo(g,h,i)perylene	26.844	276	1068993	18.099	ng/ul	99

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

