

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091522\
 Data File : BM036550.D
 Acq On : 15 Sep 2022 17:50
 Operator : CG/JU
 Sample : SST02074
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SST020021

Quant Time: Sep 16 01:51:44 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 16 01:29:28 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut
 Upadhyay
 09/16/2022

Supervised By :mohammad
 ahmed
 09/19/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	336372	20.000	ng/u1	0.00
20) Naphthalene-d8	10.845	136	1422198	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	898704	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.392	188	1848925	20.000	ng/u1	0.00
79) Chrysene-d12	21.556	240	1918023	20.000	ng/u1	0.00
88) Perylene-d12	23.997	264	1921660	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	71504	8.182	ng/uL	0.00
4) Pyridine-d5	3.816	84	495345	18.163	ng/u1	0.00
7) Phenol-d5	7.175	99	548000	18.505	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	352200	18.384	ng/u1	0.00
11) 2-Chlorophenol-d4	7.551	132	422783	18.541	ng/u1	0.00
15) 4-Methylphenol-d8	8.734	113	407590	17.412	ng/u1	0.00
21) Nitrobenzene-d5	9.192	128	181532	15.981	ng/u1	0.00
24) 2-Nitrophenol-d4	9.916	143	156174	13.534	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	389186	19.094	ng/u1	0.00
31) 4-Chloroaniline-d4	10.975	131	623810	18.686	ng/u1	0.00
46) Dimethylphthalate-d6	14.063	166	1182382	19.642	ng/u1	0.00
49) Acenaphthylene-d8	14.351	160	1399809	19.452	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	207436	17.859	ng/u1	0.00
60) Fluorene-d10	15.639	176	1065891	19.112	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	105900	10.975	ng/u1	0.00
73) Anthracene-d10	17.486	188	1650935	19.723	ng/u1	0.00
81) Pyrene-d10	19.768	212	1825935	18.228	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.838	264	1843202	19.086	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	77988	8.523	ng/uL	100
5) Pyridine	3.834	79	497587	18.357	ng/u1	100
6) Benzaldehyde	7.157	77	315945	22.896	ng/u1	100
8) Phenol	7.204	94	594856	18.913	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.445	93	476743	18.825	ng/u1	100
12) 2-Chlorophenol	7.587	128	457876	18.701	ng/u1	100
13) 2-Methylphenol	8.463	108	436893	17.984	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.563	45	582201	15.309	ng/u1	100
16) Acetophenone	8.857	105	730234	18.456	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.839	70	360880	18.590	ng/u1	100
18) 4-Methylphenol	8.792	108	475826	18.115	ng/u1	100
19) Hexachloroethane	9.116	117	184379	17.656	ng/u1	100
22) Nitrobenzene	9.234	77	498063	17.241	ng/u1	100
23) Isophorone	9.763	82	1004651	19.490	ng/u1	100
25) 2-Nitrophenol	9.951	139	199923	15.446	ng/u1	100
26) 2,4-Dimethylphenol	10.004	107	516556	19.451	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.251	93	609371	20.134	ng/u1	100
29) 2,4-Dichlorophenol	10.480	162	413859	19.689	ng/u1	100
30) Naphthalene	10.892	128	1534629	19.789	ng/u1	100
32) 4-Chloroaniline	10.998	127	647364	18.834	ng/u1	100
33) Hexachlorobutadiene	11.180	225	253417	18.820	ng/u1	100
34) Caprolactam	11.757	113	120804m	17.903	ng/u1	100
35) 4-Chloro-3-methylphenol	12.110	107	451419	20.319	ng/u1	100
36) 2-Methylnaphthalene	12.492	142	1008792	20.226	ng/u1	100

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37) 1-Methylnaphthalene	12.710	142	1014449	20.272	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.857	216	498292	19.491	ng/u1	100
40) Hexachlorocyclopentadiene	12.839	237	228429	17.071	ng/u1	100
41) 2,4,6-Trichlorophenol	13.092	196	299417	17.861	ng/u1	100
42) 2,4,5-Trichlorophenol	13.157	196	327168	18.490	ng/u1	100
43) 1,1'-Biphenyl	13.498	154	1302685	19.463	ng/u1	100
44) 2-Chloronaphthalene	13.533	162	1022505	19.654	ng/u1	100
45) 2-Nitroaniline	13.733	65	243464	15.498	ng/u1	100
47) Dimethylphthalate	14.110	163	1263163	19.926	ng/u1	100
48) 2,6-Dinitrotoluene	14.227	165	197875	15.981	ng/u1	100
50) Acenaphthylene	14.374	152	1622654	19.854	ng/u1	100
51) 3-Nitroaniline	14.551	138	225227	16.229	ng/u1	100
52) Acenaphthene	14.716	153	1130033	19.398	ng/u1	100
53) 2,4-Dinitrophenol	14.751	184	62953	10.225	ng/u1	100
55) 4-Nitrophenol	14.839	109	184464	17.893	ng/u1	100
56) Dibenzofuran	15.051	168	1527664	19.256	ng/u1	100
57) 2,4-Dinitrotoluene	15.004	165	294438	15.848	ng/u1	100
58) 2,3,4,6-Tetrachlorophenol	15.268	232	270463	17.976	ng/u1	100
59) Diethylphthalate	15.468	149	1255954	18.156	ng/u1	100
61) Fluorene	15.698	166	1306083	19.374	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.692	204	613424	19.385	ng/u1	100
63) 4-Nitroaniline	15.704	138	232733	17.154	ng/u1	100
66) 4,6-Dinitro-2-methylph...	15.763	198	125468	12.433	ng/u1	100
67) N-Nitrosodiphenylamine	15.904	169	1063412	20.069	ng/u1	100
68) 4-Bromophenyl-phenylether	16.580	248	351839	19.541	ng/u1	100
69) Hexachlorobenzene	16.692	284	417573	19.576	ng/u1	100
70) Atrazine	16.851	200	351890	17.928	ng/u1	100
71) Pentachlorophenol	17.033	266	221591	17.284	ng/u1	100
72) Phenanthrene	17.433	178	2015010	19.866	ng/u1	100
74) Anthracene	17.521	178	2042914	19.857	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.457	216	492680	20.493	ng/uL	100
76) Pentachlorobenzene	14.968	250	534780	20.160	ng/uL	100
77) Carbazole	17.786	167	1833780	18.708	ng/u1	100
78) Di-n-butylphthalate	18.362	149	2081678	17.640	ng/u1	100
80) Fluoranthene	19.433	202	2262068	18.408	ng/u1	100
82) Pyrene	19.798	202	2423714	18.600	ng/u1	100
83) Butylbenzylphthalate	20.697	149	1078103	19.348	ng/u1	100
84) 3,3'-Dichlorobenzidine	21.468	252	714477	17.441	ng/u1	100
85) Benzo(a)anthracene	21.539	228	2375120	19.363	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.480	149	1310973	15.734	ng/u1	100
87) Chrysene	21.592	228	2259256	19.824	ng/u1	100
89) Di-n-octyl phthalate	22.421	149	2066454	13.102	ng/u1	100
90) Benzo(b)fluoranthene	23.250	252	2428153	18.312	ng/u1	100
91) Benzo(k)fluoranthene	23.303	252	2354389	18.747	ng/u1	100
93) Benzo(a)pyrene	23.891	252	2105461	19.261	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.550	276	2610465	23.661	ng/u1	100
95) Dibenzo(a,h)anthracene	26.574	278	2323655	23.151	ng/u1	100
96) Benzo(g,h,i)perylene	27.332	276	2263866	24.004	ng/u1	100

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

