

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120823\
 Data File : BM043205.D
 Acq On : 08 Dec 2023 20:57
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020159

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/11/2023

Supervised By :mohammad ahmed 12/11/2023

Quant Time: Dec 11 00:07:03 2023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120723.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Dec 08 00:42:52 2023

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	545836	20.000	ng/u1	0.00
20) Naphthalene-d8	10.816	136	2484560	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.633	164	1677241	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.374	188	3583491	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	3418878	20.000	ng/u1	0.00
88) Perylene-d12	23.933	264	3519055	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.399	96	100586	7.232	ng/uL	0.00
4) Pyridine-d5	3.816	84	770711	18.677	ng/u1	0.00
7) Phenol-d5	7.169	99	1024749	18.910	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	653953	19.494	ng/u1	0.00
11) 2-Chlorophenol-d4	7.540	132	781159	18.909	ng/u1	0.00
15) 4-Methylphenol-d8	8.722	113	830366	19.369	ng/u1	0.00
21) Nitrobenzene-d5	9.181	128	416562	19.671	ng/u1	0.00
24) 2-Nitrophenol-d4	9.904	143	422248	20.677	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	877287	19.274	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	1282118	19.577	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	2789962	18.976	ng/u1	0.00
49) Acenaphthylene-d8	14.327	160	3216580	18.910	ng/u1	0.00
54) 4-Nitrophenol-d4	14.827	143	513613	19.495	ng/u1	0.00
60) Fluorene-d10	15.621	176	2399677	18.724	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.739	200	362113	18.360	ng/u1	0.00
73) Anthracene-d10	17.468	188	3698441	19.077	ng/u1	0.00
81) Pyrene-d10	19.751	212	4163614	19.033	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.780	264	3872797	18.860	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.434	88	109196	7.148	ng/uL	97
5) Pyridine	3.840	79	812831	19.165	ng/u1	100
6) Benzaldehyde	7.151	77	632124	22.664	ng/u1	98
8) Phenol	7.193	94	1018293	19.001	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.440	93	835669	19.339	ng/u1	98
12) 2-Chlorophenol	7.569	128	798277	19.047	ng/u1	99
13) 2-Methylphenol	8.451	108	793912	19.157	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.540	45	1404870	19.555	ng/u1	99
16) Acetophenone	8.845	105	1349621	19.587	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.828	70	735414	19.472	ng/u1	98
18) 4-Methylphenol	8.787	108	875296	19.466	ng/u1	99
19) Hexachloroethane	9.087	117	333747	18.787	ng/u1	97
22) Nitrobenzene	9.228	77	980640	19.260	ng/u1	98
23) Isophorone	9.751	82	2080422	19.176	ng/u1	99
25) 2-Nitrophenol	9.934	139	457431	20.438	ng/u1	100
26) 2,4-Dimethylphenol	9.992	107	848128	19.328	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.239	93	1210853	18.982	ng/u1	99
29) 2,4-Dichlorophenol	10.463	162	848859	19.215	ng/u1	100
30) Naphthalene	10.869	128	2857680	18.739	ng/u1	99
32) 4-Chloroaniline	10.986	127	1220077	19.751	ng/u1	98
33) Hexachlorobutadiene	11.139	225	504566	18.330	ng/u1	99
34) Caprolactam	11.757	113	268166m	20.415	ng/u1	
35) 4-Chloro-3-methylphenol	12.098	107	903037	19.467	ng/u1	99
36) 2-Methylnaphthalene	12.469	142	2064462	18.816	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.686	142	2089320	18.761	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.827	216	1048956	18.485	ng/ul	98
40) Hexachlorocyclopentadiene	12.804	237	611448	18.990	ng/ul	98
41) 2,4,6-Trichlorophenol	13.075	196	682361	19.325	ng/ul	99
42) 2,4,5-Trichlorophenol	13.139	196	743544	19.347	ng/ul	99
43) 1,1'-Biphenyl	13.475	154	2777159	18.717	ng/ul	99
44) 2-Chloronaphthalene	13.516	162	2157486	18.759	ng/ul	100
45) 2-Nitroaniline	13.727	65	619063	20.369	ng/ul	98
47) Dimethylphthalate	14.104	163	2738525	18.991	ng/ul	100
48) 2,6-Dinitrotoluene	14.222	165	525410	19.776	ng/ul	100
50) Acenaphthylene	14.357	152	3664975	19.064	ng/ul	99
51) 3-Nitroaniline	14.551	138	591635	20.072	ng/ul	98
52) Acenaphthene	14.698	153	2381427	18.780	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	220063	18.043	ng/ul	98
55) 4-Nitrophenol	14.845	109	376551	19.766	ng/ul	98
56) Dibenzofuran	15.033	168	3248768	18.755	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	756872	19.952	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.251	232	617669	19.336	ng/ul	99
59) Diethylphthalate	15.463	149	2765346	19.065	ng/ul	100
61) Fluorene	15.680	166	2843133	18.961	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.674	204	1372227	18.523	ng/ul	96
63) 4-Nitroaniline	15.704	138	623367	21.049	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.757	198	403105	18.692	ng/ul	99
67) N-Nitrosodiphenylamine	15.892	169	2293030	19.081	ng/ul	99
68) 4-Bromophenyl-phenylether	16.568	248	793731	18.317	ng/ul	98
69) Hexachlorobenzene	16.668	284	958165	18.635	ng/ul	99
70) Atrazine	16.845	200	708568	20.909	ng/ul	99
71) Pentachlorophenol	17.015	266	549821	18.160	ng/ul	99
72) Phenanthrene	17.415	178	4288636	19.192	ng/ul	100
74) Anthracene	17.504	178	4389907	19.502	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.433	216	1064029	18.768	ng/ul	98
76) Pentachlorobenzene	14.945	250	1076897	18.692	ng/ul	98
77) Carbazole	17.774	167	3939405	21.305	ng/ul	99
78) Di-n-butylphthalate	18.345	149	4935889	20.523	ng/ul	99
80) Fluoranthene	19.415	202	4920952	19.610	ng/ul	98
82) Pyrene	19.780	202	5168016	19.798	ng/ul	99
83) Butylbenzylphthalate	20.686	149	2080959	20.041	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.456	252	1658558	20.412	ng/ul	100
85) Benzo(a)anthracene	21.521	228	5092305	19.427	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.462	149	3371135	20.567	ng/ul	99
87) Chrysene	21.574	228	4542585	19.403	ng/ul	99
89) Di-n-octyl phthalate	22.397	149	5282960	21.825	ng/ul	100
90) Benzo(b)fluoranthene	23.203	252	4656600	18.546	ng/ul	99
91) Benzo(k)fluoranthene	23.256	252	4826902	19.302	ng/ul	99
93) Benzo(a)pyrene	23.833	252	4390850	18.920	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.432	276	4928318	18.643	ng/ul	99
95) Dibenzo(a,h)anthracene	26.456	278	4118571	18.633	ng/ul	99
96) Benzo(g,h,i)perylene	27.197	276	3678262	18.468	ng/ul	99

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

