

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091124\
 Data File : BM047495.D
 Acq On : 12 Sep 2024 00:33
 Operator : RC/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020142

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 09/12/2024
 Supervised By :mohammad ahmed 09/13/2024

Quant Time: Sep 12 02:56:25 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091024.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Sep 11 00:35:12 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	593690	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	2722691	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	1681382	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.233	188	3285316	20.000	ng/u1	0.00
79) Chrysene-d12	21.462	240	2513180	20.000	ng/u1	0.00
88) Perylene-d12	24.503	264	2157709	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.299	96	110039	7.475	ng/uL	0.00
4) Pyridine-d5	3.710	84	891504	18.956	ng/u1	0.00
7) Phenol-d5	7.022	99	1030143	18.511	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.193	67	655028	18.910	ng/u1	0.00
11) 2-Chlorophenol-d4	7.398	132	855908	20.194	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	847185	19.367	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	429730	20.438	ng/u1	0.00
24) 2-Nitrophenol-d4	9.745	143	425321	21.412	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.281	165	832624	20.615	ng/u1	0.00
31) 4-Chloroaniline-d4	10.786	131	1249281	18.899	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	2375678	19.223	ng/u1	0.00
49) Acenaphthylene-d8	14.192	160	2886322	19.355	ng/u1	0.00
54) 4-Nitrophenol-d4	14.674	143	429572	17.544	ng/u1	0.00
60) Fluorene-d10	15.486	176	2023562	18.949	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	248437	14.304	ng/u1	0.00
73) Anthracene-d10	17.333	188	3034157	19.179	ng/u1	0.00
81) Pyrene-d10	19.615	212	3221028	21.991	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.291	264	2220767	19.368	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.334	88	115446	7.266	ng/uL	98
5) Pyridine	3.734	79	905902	18.655	ng/u1	98
6) Benzaldehyde	7.004	77	686209m	23.296	ng/u1	
8) Phenol	7.045	94	1068069	18.643	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.287	93	861530	19.017	ng/u1	99
12) 2-Chlorophenol	7.428	128	878465	20.012	ng/u1	98
13) 2-Methylphenol	8.304	108	816672	18.938	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.392	45	1251247	18.846	ng/u1	99
16) Acetophenone	8.687	105	1378059	19.577	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.675	70	733532	19.635	ng/u1	97
18) 4-Methylphenol	8.628	108	917998	19.497	ng/u1	99
19) Hexachloroethane	8.957	117	364089	19.303	ng/u1	97
22) Nitrobenzene	9.063	77	1023758	19.485	ng/u1	97
23) Isophorone	9.592	82	2006309	19.148	ng/u1	99
25) 2-Nitrophenol	9.775	139	484904	21.115	ng/u1	99
26) 2,4-Dimethylphenol	9.834	107	959100	19.416	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.075	93	1206114	19.023	ng/u1	100
29) 2,4-Dichlorophenol	10.304	162	837458	20.451	ng/u1	99
30) Naphthalene	10.716	128	2888006	19.253	ng/u1	99
32) 4-Chloroaniline	10.816	127	1217758	18.725	ng/u1	99
33) Hexachlorobutadiene	11.010	225	479281	19.624	ng/u1	99
34) Caprolactam	11.569	113	276384m	17.524	ng/u1	
35) 4-Chloro-3-methylphenol	11.933	107	903133	19.586	ng/u1	99
36) 2-Methylnaphthalene	12.328	142	2007601	19.470	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.545	142	2021365	19.403	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.692	216	976513	19.563	ng/ul	99
40) Hexachlorocyclopentadiene	12.680	237	517769	15.088	ng/ul	99
41) 2,4,6-Trichlorophenol	12.927	196	635401	20.745	ng/ul	98
42) 2,4,5-Trichlorophenol	12.998	196	690637	20.746	ng/ul	98
43) 1,1'-Biphenyl	13.333	154	2565924	19.361	ng/ul	99
44) 2-Chloronaphthalene	13.374	162	1964738	19.331	ng/ul	99
45) 2-Nitroaniline	13.563	65	592085	20.024	ng/ul	98
47) Dimethylphthalate	13.951	163	2397630	19.100	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	471649	20.590	ng/ul	97
50) Acenaphthylene	14.216	152	3121697	19.365	ng/ul	99
51) 3-Nitroaniline	14.386	138	547648	20.478	ng/ul	93
52) Acenaphthene	14.563	153	2194503	19.162	ng/ul	99
53) 2,4-Dinitrophenol	14.586	184	148307	11.766	ng/ul	93
55) 4-Nitrophenol	14.686	109	357140	17.325	ng/ul	96
56) Dibenzofuran	14.892	168	2864762	19.245	ng/ul	99
57) 2,4-Dinitrotoluene	14.845	165	675651	20.483	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.116	232	522670	20.403	ng/ul	99
59) Diethylphthalate	15.321	149	2479096	18.666	ng/ul	98
61) Fluorene	15.539	166	2506496	19.294	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.539	204	1168967	19.432	ng/ul	99
63) 4-Nitroaniline	15.545	138	576561	21.787	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.610	198	288719	14.707	ng/ul#	92
67) N-Nitrosodiphenylamine	15.745	169	1989536	19.480	ng/ul	99
68) 4-Bromophenyl-phenylether	16.427	248	668981	19.682	ng/ul	97
69) Hexachlorobenzene	16.545	284	762139	19.624	ng/ul	93
70) Atrazine	16.692	200	669521	18.661	ng/ul	99
71) Pentachlorophenol	16.880	266	417094	17.065	ng/ul	98
72) Phenanthrene	17.274	178	3577628	19.089	ng/ul	99
74) Anthracene	17.362	178	3648729	19.227	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.298	216	975366	20.416	ng/ul	100
76) Pentachlorobenzene	14.816	250	932809	19.769	ng/ul	99
77) Carbazole	17.627	167	3308350	19.067	ng/ul	99
78) Di-n-butylphthalate	18.204	149	4307425	19.255	ng/ul	100
80) Fluoranthene	19.280	202	3856328	22.338	ng/ul	98
82) Pyrene	19.639	202	4136964	22.483	ng/ul	99
83) Butylbenzylphthalate	20.539	149	1797878	21.404	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.356	252	974356	16.398	ng/ul	99
85) Benzo(a)anthracene	21.439	228	3472957	19.345	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	2770582	21.752	ng/ul	99
87) Chrysene	21.503	228	3157048	19.061	ng/ul	99
89) Di-n-octyl phthalate	22.533	149	4338828	25.171	ng/ul	100
90) Benzo(b)fluoranthene	23.539	252	2729789	19.709	ng/ul	99
91) Benzo(k)fluoranthene	23.603	252	2802402	20.600	ng/ul	99
93) Benzo(a)pyrene	24.356	252	2460654	19.338	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.944	276	2818416	18.061	ng/ul	99
95) Dibenzo(a,h)anthracene	28.003	278	2292870	18.046	ng/ul	99
96) Benzo(g,h,i)perylene	29.009	276	2142245	17.972	ng/ul	99

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

