

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121224\
 Data File : BM048964.D
 Acq On : 12 Dec 2024 09:33
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020060

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/13/2024

Supervised By :mohammad ahmed 12/13/2024

Quant Time: Dec 12 10:46:45 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM121124.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Dec 12 00:53:37 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.569	152	170511	20.000	ng/u1	0.00
20) Naphthalene-d8	10.339	136	649423	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.210	164	375379	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.957	188	694952	20.000	ng/u1	0.00
79) Chrysene-d12	21.180	240	666849	20.000	ng/u1	0.00
88) Perylene-d12	23.991	264	665275	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.152	96	39122	8.075	ng/uL	0.00
4) Pyridine-d5	3.546	84	288580	20.027	ng/u1	0.00
7) Phenol-d5	6.757	99	280435	18.867	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.916	67	196465	19.462	ng/u1	0.00
11) 2-Chlorophenol-d4	7.110	132	216564	20.079	ng/u1	0.00
15) 4-Methylphenol-d8	8.281	113	202918	18.289	ng/u1	0.00
21) Nitrobenzene-d5	8.716	128	99081	21.274	ng/u1	0.00
24) 2-Nitrophenol-d4	9.428	143	88241	20.495	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.963	165	189122	20.639	ng/u1	0.00
31) 4-Chloroaniline-d4	10.475	131	276760	19.372	ng/u1	0.00
46) Dimethylphthalate-d6	13.627	166	515467	19.943	ng/u1	0.00
49) Acenaphthylene-d8	13.898	160	639161	20.259	ng/u1	0.00
54) 4-Nitrophenol-d4	14.416	143	92866	18.752	ng/u1	0.00
60) Fluorene-d10	15.204	176	455522	20.335	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.327	200	57346	15.817	ng/u1	0.00
73) Anthracene-d10	17.051	188	682819	20.048	ng/u1	0.00
81) Pyrene-d10	19.351	212	735649	19.649	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.797	264	675014	19.803	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.187	88	43826	8.493	ng/uL	97
5) Pyridine	3.563	79	301579	20.030	ng/u1	98
6) Benzaldehyde	6.722	77	199542	25.179	ng/u1	98
8) Phenol	6.781	94	305794	19.085	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.010	93	249467	19.691	ng/u1	99
12) 2-Chlorophenol	7.140	128	230158	20.213	ng/u1	98
13) 2-Methylphenol	8.016	108	203404	18.499	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.093	45	359453	19.169	ng/u1	98
16) Acetophenone	8.387	105	355201	19.028	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.375	70	177498	19.511	ng/u1	98
18) 4-Methylphenol	8.340	108	226046	18.705	ng/u1	99
19) Hexachloroethane	8.640	117	100408	20.400	ng/u1	98
22) Nitrobenzene	8.757	77	263891	20.666	ng/u1	99
23) Isophorone	9.287	82	449078	19.893	ng/u1	98
25) 2-Nitrophenol	9.457	139	107539	21.175	ng/u1	99
26) 2,4-Dimethylphenol	9.534	107	215170	20.404	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.769	93	295631	20.489	ng/u1	99
29) 2,4-Dichlorophenol	9.992	162	200100	21.127	ng/u1	97
30) Naphthalene	10.387	128	708302	20.529	ng/u1	98
32) 4-Chloroaniline	10.498	127	269803	19.618	ng/u1	96
33) Hexachlorobutadiene	10.681	225	124990	20.446	ng/u1	97
34) Caprolactam	11.269	113	56173m	18.824	ng/u1	
35) 4-Chloro-3-methylphenol	11.633	107	182375	20.131	ng/u1	98
36) 2-Methylnaphthalene	12.004	142	444122	20.323	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.228	142	439648	20.130	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.380	216	224936	19.578	ng/ul	100
40) Hexachlorocyclopentadiene	12.369	237	123549	17.315	ng/ul	100
41) 2,4,6-Trichlorophenol	12.628	196	128196	19.884	ng/ul	99
42) 2,4,5-Trichlorophenol	12.698	196	141256	19.903	ng/ul	100
43) 1,1'-Biphenyl	13.033	154	569900	20.056	ng/ul	99
44) 2-Chloronaphthalene	13.069	162	455579	20.179	ng/ul	100
45) 2-Nitroaniline	13.280	65	115315	19.910	ng/ul	96
47) Dimethylphthalate	13.675	163	524719	20.290	ng/ul	100
48) 2,6-Dinitrotoluene	13.786	165	88399	20.275	ng/ul	93
50) Acenaphthylene	13.922	152	698414	20.339	ng/ul	99
51) 3-Nitroaniline	14.116	138	102145	20.112	ng/ul	100
52) Acenaphthene	14.269	153	492768	20.230	ng/ul	99
53) 2,4-Dinitrophenol	14.322	184	33076	14.523	ng/ul	96
55) 4-Nitrophenol	14.427	109	62736	17.287	ng/ul	97
56) Dibenzofuran	14.610	168	671498	20.480	ng/ul	100
57) 2,4-Dinitrotoluene	14.574	165	139034	21.569	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.839	232	105584	20.326	ng/ul	96
59) Diethylphthalate	15.051	149	507882	20.391	ng/ul	99
61) Fluorene	15.263	166	548330	20.228	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.263	204	257411	19.597	ng/ul	96
63) 4-Nitroaniline	15.274	138	105376	21.778	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.339	198	68820	17.049	ng/ul	93
67) N-Nitrosodiphenylamine	15.474	169	424404	20.044	ng/ul	99
68) 4-Bromophenyl-phenylether	16.157	248	136404	19.926	ng/ul	96
69) Hexachlorobenzene	16.263	284	162787	19.779	ng/ul	97
70) Atrazine	16.439	200	144900	18.668	ng/ul	98
71) Pentachlorophenol	16.610	266	84913	16.666	ng/ul	99
72) Phenanthrene	16.998	178	806277	20.057	ng/ul	100
74) Anthracene	17.086	178	808262	19.967	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.992	216	217015	19.258	ng/uL	98
76) Pentachlorobenzene	14.527	250	210648	19.273	ng/uL	97
77) Carbazole	17.357	167	746563	19.555	ng/ul	99
78) Di-n-butylphthalate	17.945	149	801264	20.897	ng/ul	99
80) Fluoranthene	19.021	202	858012	19.491	ng/ul	99
82) Pyrene	19.380	202	947048	19.502	ng/ul	97
83) Butylbenzylphthalate	20.309	149	302012	20.378	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.098	252	202673	17.506	ng/ul	97
85) Benzo(a)anthracene	21.162	228	885279	19.794	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.121	149	440521	20.573	ng/ul	99
87) Chrysene	21.221	228	821679	19.518	ng/ul	100
89) Di-n-octyl phthalate	22.197	149	653405	16.329	ng/ul	100
90) Benzo(b)fluoranthene	23.103	252	811567	19.288	ng/ul	100
91) Benzo(k)fluoranthene	23.168	252	809386	19.256	ng/ul	99
93) Benzo(a)pyrene	23.856	252	766293	19.588	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.109	276	951841	19.693	ng/ul	99
95) Dibenzo(a,h)anthracene	27.162	278	782015	19.801	ng/ul	99
96) Benzo(g,h,i)perylene	28.079	276	736765	19.858	ng/ul	98

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

