

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102824\
 Data File : BM048307.D
 Acq On : 30 Oct 2024 04:32
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

SSTD020192

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/30/2024
 Supervised By :mohammad ahmed 11/01/2024

Quant Time: Oct 30 05:46:32 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM102624.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sun Oct 27 23:39:58 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	258254	20.000	ng/u1	0.00
20) Naphthalene-d8	10.504	136	1079949	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.357	164	659149	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.098	188	1240182	20.000	ng/u1	-0.01
79) Chrysene-d12	21.321	240	1044779	20.000	ng/u1	-0.01
88) Perylene-d12	24.262	264	1108239	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.169	96	50632	7.719	ng/uL	0.00
4) Pyridine-d5	3.581	84	367142	19.309	ng/u1	0.00
7) Phenol-d5	6.893	99	434219	19.571	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	274068	19.941	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.252	132	373796	20.717	ng/u1	0.00
15) 4-Methylphenol-d8	8.428	113	346309	19.441	ng/u1	-0.01
21) Nitrobenzene-d5	8.869	128	179869	20.315	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.593	143	194642	20.293	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.134	165	353298	20.185	ng/u1	0.00
31) 4-Chloroaniline-d4	10.645	131	450084	18.519	ng/u1	0.00
46) Dimethylphthalate-d6	13.769	166	945081	19.186	ng/u1	-0.01
49) Acenaphthylene-d8	14.051	160	1101294	19.829	ng/u1	0.00
54) 4-Nitrophenol-d4	14.575	143	156956	17.424	ng/u1	0.00
60) Fluorene-d10	15.351	176	802604	19.283	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.480	200	142700	17.411	ng/u1	0.00
73) Anthracene-d10	17.198	188	1171443	19.976	ng/u1	-0.01
81) Pyrene-d10	19.492	212	1250043	19.717	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.062	264	1119804	19.157	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.205	88	57715	8.323	ng/uL	97
5) Pyridine	3.605	79	387194	19.870	ng/u1	98
6) Benzaldehyde	6.857	77	215180	19.596	ng/u1	96
8) Phenol	6.922	94	446284	19.314	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.140	93	371797	20.141	ng/u1	99
12) 2-Chlorophenol	7.281	128	374013	20.190	ng/u1	99
13) 2-Methylphenol	8.163	108	340800	19.606	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.240	45	571501	20.256	ng/u1	99
16) Acetophenone	8.540	105	556539	19.837	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.522	70	281105	19.536	ng/u1	99
18) 4-Methylphenol	8.493	108	370212	19.297	ng/u1	97
19) Hexachloroethane	8.787	117	160304	20.528	ng/u1	97
22) Nitrobenzene	8.910	77	415020	20.172	ng/u1	99
23) Isophorone	9.440	82	771164	19.342	ng/u1	98
25) 2-Nitrophenol	9.622	139	208652	19.846	ng/u1	99
26) 2,4-Dimethylphenol	9.687	107	373929	19.374	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.922	93	492878	19.931	ng/u1	99
29) 2,4-Dichlorophenol	10.157	162	345221	19.275	ng/u1	99
30) Naphthalene	10.551	128	1204222	19.965	ng/u1	99
32) 4-Chloroaniline	10.669	127	434714	18.460	ng/u1	99
33) Hexachlorobutadiene	10.840	225	236682	19.832	ng/u1	98
34) Caprolactam	11.451	113	94896m	16.613	ng/u1	
35) 4-Chloro-3-methylphenol	11.804	107	336661	18.682	ng/u1	98
36) 2-Methylnaphthalene	12.169	142	780577	19.199	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.392	142	806801	19.562	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.545	216	416905	19.978	ng/ul	99
40) Hexachlorocyclopentadiene	12.522	237	239611	19.181	ng/ul	98
41) 2,4,6-Trichlorophenol	12.786	196	263340	19.550	ng/ul	96
42) 2,4,5-Trichlorophenol	12.863	196	281222	19.767	ng/ul	99
43) 1,1'-Biphenyl	13.186	154	1009564	19.970	ng/ul	98
44) 2-Chloronaphthalene	13.228	162	799703	20.413	ng/ul	100
45) 2-Nitroaniline	13.439	65	206663	19.061	ng/ul	97
47) Dimethylphthalate	13.816	163	950683	19.244	ng/ul	100
48) 2,6-Dinitrotoluene	13.939	165	187683	19.538	ng/ul	96
50) Acenaphthylene	14.080	152	1277450	21.056	ng/ul	100
51) 3-Nitroaniline	14.269	138	185526	18.348	ng/ul	99
52) Acenaphthene	14.422	153	845647	19.643	ng/ul	99
53) 2,4-Dinitrophenol	14.480	184	114546	17.533	ng/ul	96
55) 4-Nitrophenol	14.586	109	111889	17.015	ng/ul	98
56) Dibenzofuran	14.757	168	1148247	19.387	ng/ul	99
57) 2,4-Dinitrotoluene	14.727	165	266125	18.950	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.986	232	227375	18.641	ng/ul	96
59) Diethylphthalate	15.180	149	947756	19.069	ng/ul	99
61) Fluorene	15.404	166	926710	19.650	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.398	204	467796	19.759	ng/ul	99
63) 4-Nitroaniline	15.433	138	180221	19.684	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.492	198	151633	17.258	ng/ul	93
67) N-Nitrosodiphenylamine	15.616	169	755517	20.404	ng/ul	100
68) 4-Bromophenyl-phenylether	16.292	248	280259	20.713	ng/ul	99
69) Hexachlorobenzene	16.410	284	326098	20.143	ng/ul	99
70) Atrazine	16.569	200	249820	19.706	ng/ul	99
71) Pentachlorophenol	16.757	266	186544	18.211	ng/ul	98
72) Phenanthrene	17.139	178	1368146	19.923	ng/ul	100
74) Anthracene	17.233	178	1393531	20.274	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.151	216	405070	20.639	ng/ul	99
76) Pentachlorobenzene	14.680	250	398232	19.938	ng/ul	98
77) Carbazole	17.504	167	1204198	19.953	ng/ul	100
78) Di-n-butylphthalate	18.068	149	1580137	19.924	ng/ul	100
80) Fluoranthene	19.157	202	1492776	20.235	ng/ul	99
82) Pyrene	19.521	202	1562142	19.750	ng/ul	100
83) Butylbenzylphthalate	20.415	149	650304	19.895	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.233	252	422249	18.523	ng/ul	99
85) Benzo(a)anthracene	21.304	228	1476397	19.595	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.227	149	973553	20.670	ng/ul	98
87) Chrysene	21.362	228	1393074	19.662	ng/ul	98
89) Di-n-octyl phthalate	22.339	149	1604880	19.357	ng/ul	100
90) Benzo(b)fluoranthene	23.333	252	1376824	19.468	ng/ul	99
91) Benzo(k)fluoranthene	23.398	252	1441568	20.358	ng/ul	99
93) Benzo(a)pyrene	24.127	252	1313404	20.414	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.580	276	1580326	20.395	ng/ul	98
95) Dibenzo(a,h)anthracene	27.621	278	1346729	21.252	ng/ul	100
96) Benzo(g,h,i)perylene	28.609	276	1286963	21.644	ng/ul	98

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

