

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050124\
 Data File : BN031353.D
 Acq On : 01 May 2024 18:35
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020395

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 05/02/2024

Supervised By :mohammad ahmed 05/02/2024

Quant Time: May 01 19:05:16 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042924.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed May 01 05:16:42 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.610	152	241220	20.000	ng/u1	0.00
20) Naphthalene-d8	10.387	136	1008691	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.257	164	625191	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.016	188	1233434	20.000	ng/u1	0.00
79) Chrysene-d12	21.257	240	1153515	20.000	ng/u1	0.00
88) Perylene-d12	24.145	264	1324683	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.128	96	39700	7.662	ng/uL	0.00
4) Pyridine-d5	3.534	84	274999	18.535	ng/u1	0.00
7) Phenol-d5	6.787	99	334240	17.219	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.952	67	201123	17.696	ng/u1	0.00
11) 2-Chlorophenol-d4	7.140	132	277435	17.866	ng/u1	0.00
15) 4-Methylphenol-d8	8.316	113	266753	16.583	ng/u1	0.00
21) Nitrobenzene-d5	8.763	128	134883	18.555	ng/u1	0.00
24) 2-Nitrophenol-d4	9.481	143	145400	18.584	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.016	165	260701	17.944	ng/u1	0.00
31) 4-Chloroaniline-d4	10.534	131	369849	17.566	ng/u1	0.00
46) Dimethylphthalate-d6	13.675	166	728718	17.680	ng/u1	0.00
49) Acenaphthylene-d8	13.951	160	850334	17.781	ng/u1	0.00
54) 4-Nitrophenol-d4	14.481	143	141874	18.967	ng/u1	0.00
60) Fluorene-d10	15.257	176	609815	17.326	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.386	200	115435	18.199	ng/u1	0.00
73) Anthracene-d10	17.110	188	944963	18.564	ng/u1	0.00
81) Pyrene-d10	19.416	212	1089140	15.503	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.945	264	1090095	17.775	ng/u1	0.01
Target Compounds	Qvalue					
2) 1,4-Dioxane	3.164	88	41414	7.344	ng/uL	89
5) Pyridine	3.558	79	271717	18.230	ng/u1	96
6) Benzaldehyde	6.763	77	203278	20.858	ng/u1	96
8) Phenol	6.810	94	342750	17.373	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.046	93	281533	17.628	ng/u1	97
12) 2-Chlorophenol	7.175	128	288236	17.852	ng/u1	96
13) 2-Methylphenol	8.052	108	257338	16.795	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.128	45	356179	16.902	ng/u1	99
16) Acetophenone	8.434	105	412708	17.256	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.416	70	206270	16.427	ng/u1	98
18) 4-Methylphenol	8.381	108	276237	16.472	ng/u1	95
19) Hexachloroethane	8.675	117	122334	18.726	ng/u1	96
22) Nitrobenzene	8.810	77	311813	18.280	ng/u1	99
23) Isophorone	9.328	82	580332	17.434	ng/u1	99
25) 2-Nitrophenol	9.510	139	159384	18.673	ng/u1	99
26) 2,4-Dimethylphenol	9.575	107	287405	17.913	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.816	93	360958	17.240	ng/u1	99
29) 2,4-Dichlorophenol	10.040	162	255621	17.821	ng/u1	98
30) Naphthalene	10.440	128	901190	18.181	ng/u1	98
32) 4-Chloroaniline	10.557	127	360131	17.864	ng/u1	100
33) Hexachlorobutadiene	10.716	225	161358	19.031	ng/u1	99
34) Caprolactam	11.340	113	81936	15.992	ng/u1	97
35) 4-Chloro-3-methylphenol	11.687	107	274897	16.686	ng/u1	99
36) 2-Methylnaphthalene	12.057	142	597382	17.382	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.281	142	600268	17.267	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.428	216	299717	18.574	ng/ul	96
40) Hexachlorocyclopentadiene	12.404	237	150859	16.702	ng/ul	99
41) 2,4,6-Trichlorophenol	12.681	196	196864	17.746	ng/ul	94
42) 2,4,5-Trichlorophenol	12.751	196	209994	17.357	ng/ul	96
43) 1,1'-Biphenyl	13.087	154	757207	17.832	ng/ul	97
44) 2-Chloronaphthalene	13.128	162	598245	17.839	ng/ul	99
45) 2-Nitroaniline	13.345	65	166377	17.515	ng/ul	100
47) Dimethylphthalate	13.728	163	743840	17.613	ng/ul	99
48) 2,6-Dinitrotoluene	13.851	165	149667	18.163	ng/ul	98
50) Acenaphthylene	13.981	152	965331	17.738	ng/ul	99
51) 3-Nitroaniline	14.181	138	160589	18.095	ng/ul	99
52) Acenaphthene	14.322	153	638696	17.691	ng/ul	97
53) 2,4-Dinitrophenol	14.387	184	72071	15.304	ng/ul	94
55) 4-Nitrophenol	14.492	109	114645	19.143	ng/ul	98
56) Dibenzofuran	14.663	168	872522	17.798	ng/ul	99
57) 2,4-Dinitrotoluene	14.639	165	216211	17.890	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.892	232	177406	17.543	ng/ul	96
59) Diethylphthalate	15.098	149	749280	17.604	ng/ul	99
61) Fluorene	15.316	166	705573	18.052	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.310	204	333749	17.701	ng/ul	98
63) 4-Nitroaniline	15.345	138	162356	19.979	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.404	198	119415	17.563	ng/ul	100
67) N-Nitrosodiphenylamine	15.534	169	593215	18.101	ng/ul	94
68) 4-Bromophenyl-phenylether	16.210	248	211186	18.302	ng/ul	95
69) Hexachlorobenzene	16.310	284	247340	18.588	ng/ul	97
70) Atrazine	16.492	200	206180	19.368	ng/ul	95
71) Pentachlorophenol	16.663	266	156219	19.390	ng/ul	95
72) Phenanthrene	17.057	178	1142106	18.710	ng/ul	98
74) Anthracene	17.145	178	1134905	18.592	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.045	216	295668	18.925	ng/uL	97
76) Pentachlorobenzene	14.575	250	287084	18.737	ng/uL	97
77) Carbazole	17.428	167	1030680	19.331	ng/ul	99
78) Di-n-butylphthalate	17.992	149	1310752	18.971	ng/ul	99
80) Fluoranthene	19.080	202	1305139	15.497	ng/ul	100
82) Pyrene	19.445	202	1368595	15.930	ng/ul	99
83) Butylbenzylphthalate	20.363	149	594537	16.564	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.169	252	422846	20.488	ng/ul	99
85) Benzo(a)anthracene	21.233	228	1347502	17.900	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.169	149	854489	18.094	ng/ul	99
87) Chrysene	21.298	228	1265657	17.944	ng/ul	98
89) Di-n-octyl phthalate	22.263	149	1506484	15.349	ng/ul	100
90) Benzo(b)fluoranthene	23.233	252	1376864	17.151	ng/ul	98
91) Benzo(k)fluoranthene	23.292	252	1346437	17.055	ng/ul	98
93) Benzo(a)pyrene	24.010	252	1291187	17.983	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.374	276	1570021m	19.298	ng/ul	
95) Dibenzo(a,h)anthracene	27.445	278	1299764	19.233	ng/ul	98
96) Benzo(g,h,i)perylene	28.392	276	1260082	19.202	ng/ul	100

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

