

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040924\
 Data File : BN030808.D
 Acq On : 10 Apr 2024 03:46
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020352

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/10/2024
 Supervised By :mohammad ahmed 04/10/2024

Quant Time: Apr 10 04:17:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Apr 09 12:10:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.681	152	178806	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	822505	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	580726	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	1264404	20.000	ng/u1	0.00
79) Chrysene-d12	21.310	240	1217932	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	1352651	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	31618	8.291	ng/uL	0.00
4) Pyridine-d5	3.593	84	230691	20.175	ng/u1	0.00
7) Phenol-d5	6.852	99	299595	20.712	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	187241	20.958	ng/u1	0.00
11) 2-Chlorophenol-d4	7.211	132	243069	22.152	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	255735	21.095	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	126436	22.160	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	126916	24.315	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.081	165	259812	22.737	ng/u1	0.00
31) 4-Chloroaniline-d4	10.605	131	400313	21.279	ng/u1	0.00
46) Dimethylphthalate-d6	13.740	166	857325	22.112	ng/u1	0.00
49) Acenaphthylene-d8	14.016	160	1006120	22.569	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	161917	21.832	ng/u1	0.00
60) Fluorene-d10	15.316	176	752230	22.171	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	117158	20.992	ng/u1	0.00
73) Anthracene-d10	17.169	188	1219500	22.385	ng/u1	0.00
81) Pyrene-d10	19.469	212	1421997	21.716	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	1425990	22.879	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.223	88	33756	8.263	ng/uL	95
5) Pyridine	3.611	79	236190	20.471	ng/u1	95
6) Benzaldehyde	6.828	77	175726m	26.088	ng/u1	
8) Phenol	6.875	94	317029	21.039	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.111	93	261832	21.308	ng/u1	99
12) 2-Chlorophenol	7.246	128	256456	21.787	ng/u1	96
13) 2-Methylphenol	8.122	108	247271	21.295	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.199	45	349342	20.190	ng/u1	98
16) Acetophenone	8.499	105	412470	21.550	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.487	70	207794	21.555	ng/u1	96
18) 4-Methylphenol	8.446	108	271384	20.878	ng/u1	94
19) Hexachloroethane	8.746	117	105417	21.361	ng/u1	97
22) Nitrobenzene	8.875	77	305564	21.938	ng/u1	99
23) Isophorone	9.399	82	603797	21.737	ng/u1	99
25) 2-Nitrophenol	9.581	139	147702	24.078	ng/u1	97
26) 2,4-Dimethylphenol	9.646	107	297007	21.784	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.881	93	378163	21.413	ng/u1	98
29) 2,4-Dichlorophenol	10.110	162	260466	22.331	ng/u1	100
30) Naphthalene	10.510	128	929791	22.041	ng/u1	100
32) 4-Chloroaniline	10.628	127	391149	21.575	ng/u1	98
33) Hexachlorobutadiene	10.793	225	157277	21.423	ng/u1	98
34) Caprolactam	11.399	113	90296	20.723	ng/u1	94
35) 4-Chloro-3-methylphenol	11.752	107	298487	22.721	ng/u1	99
36) 2-Methylnaphthalene	12.128	142	648467	22.012	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.352	142	660277	22.078	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.499	216	327962	21.883	ng/ul	94
40) Hexachlorocyclopentadiene	12.475	237	163552	19.217	ng/ul	97
41) 2,4,6-Trichlorophenol	12.746	196	216063	23.071	ng/ul	97
42) 2,4,5-Trichlorophenol	12.816	196	241825	22.865	ng/ul	93
43) 1,1'-Biphenyl	13.151	154	871190	22.010	ng/ul	99
44) 2-Chloronaphthalene	13.193	162	675879	21.691	ng/ul	98
45) 2-Nitroaniline	13.404	65	187669	22.632	ng/ul	100
47) Dimethylphthalate	13.787	163	882705	22.039	ng/ul	98
48) 2,6-Dinitrotoluene	13.904	165	168306	22.665	ng/ul	96
50) Acenaphthylene	14.046	152	1150420	22.335	ng/ul	99
51) 3-Nitroaniline	14.234	138	195790	24.840	ng/ul	99
52) Acenaphthene	14.387	153	760256	22.149	ng/ul	99
53) 2,4-Dinitrophenol	14.440	184	66102	19.381	ng/ul	98
55) 4-Nitrophenol	14.546	109	125089	21.289	ng/ul	98
56) Dibenzofuran	14.722	168	1044710	21.895	ng/ul	97
57) 2,4-Dinitrotoluene	14.693	165	261086	24.082	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.945	232	209689	23.872	ng/ul	97
59) Diethylphthalate	15.157	149	906031	22.267	ng/ul	99
61) Fluorene	15.375	166	860209	22.682	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.375	204	415072	22.308	ng/ul	99
63) 4-Nitroaniline	15.404	138	216097	28.201	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.451	198	134112	22.364	ng/ul	99
67) N-Nitrosodiphenylamine	15.587	169	742642	21.567	ng/ul	99
68) 4-Bromophenyl-phenylether	16.269	248	262884	21.895	ng/ul	96
69) Hexachlorobenzene	16.369	284	303320	21.454	ng/ul	96
70) Atrazine	16.545	200	257825	21.602	ng/ul	97
71) Pentachlorophenol	16.716	266	182521	21.896	ng/ul	98
72) Phenanthrene	17.116	178	1432836	22.057	ng/ul	99
74) Anthracene	17.204	178	1472578	22.424	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.110	216	336734	21.678	ng/uL	100
76) Pentachlorobenzene	14.640	250	336935	21.355	ng/uL	94
77) Carbazole	17.481	167	1367324	23.742	ng/ul	99
78) Di-n-butylphthalate	18.045	149	1608080	22.888	ng/ul	100
80) Fluoranthene	19.134	202	1726441	22.179	ng/ul	98
82) Pyrene	19.498	202	1802814	21.930	ng/ul	99
83) Butylbenzylphthalate	20.410	149	747296	23.804	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.222	252	520296	23.249	ng/ul	99
85) Benzo(a)anthracene	21.292	228	1820297	22.395	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.222	149	1107026	23.911	ng/ul	98
87) Chrysene	21.351	228	1725516	22.491	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	1895338	22.126	ng/ul	100
90) Benzo(b)fluoranthene	23.316	252	1768127	22.211	ng/ul	99
91) Benzo(k)fluoranthene	23.374	252	1770362	21.898	ng/ul	97
93) Benzo(a)pyrene	24.104	252	1694297	22.531	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	27.527	276	1809451	22.260	ng/ul	99
95) Dibenzo(a,h)anthracene	27.598	278	1502558	21.957	ng/ul	97
96) Benzo(g,h,i)perylene	28.562	276	1427551	22.370	ng/ul	99

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

