

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031124\
 Data File : BN030357.D
 Acq On : 11 Mar 2024 11:39
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020322

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 03/11/2024
 Supervised By :mohammad ahmed 03/12/2024

Quant Time: Mar 11 12:41:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 08 13:57:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	108084	20.000	ng/u1	0.00
20) Naphthalene-d8	10.593	136	468806	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	311879	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.216	188	668824	20.000	ng/u1	0.00
79) Chrysene-d12	21.433	240	561380	20.000	ng/u1	0.00
88) Perylene-d12	23.786	264	529951	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	22237	6.943	ng/uL	0.00
4) Pyridine-d5	3.675	84	139339	18.225	ng/u1	0.00
7) Phenol-d5	6.963	99	167825	17.501	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	92523	16.992	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	144197	18.771	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	144491	19.117	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	74112	18.946	ng/u1	0.00
24) 2-Nitrophenol-d4	9.681	143	77860	18.985	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	144457	19.750	ng/u1	0.00
31) 4-Chloroaniline-d4	10.740	131	211426	19.476	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	476172	18.936	ng/u1	0.00
49) Acenaphthylene-d8	14.145	160	531911	18.672	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	81832	18.354	ng/u1	0.00
60) Fluorene-d10	15.451	176	398081	19.298	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	78431	18.775	ng/u1	0.00
73) Anthracene-d10	17.316	188	624511	19.230	ng/u1	0.00
81) Pyrene-d10	19.622	212	706076	19.805	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.639	264	546049	19.672	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	22054	7.174	ng/uL	97
5) Pyridine	3.693	79	140421	18.053	ng/u1	97
6) Benzaldehyde	6.946	77	98180	21.967	ng/u1	96
8) Phenol	6.993	94	168254	17.632	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.234	93	132751	17.407	ng/u1	98
12) 2-Chlorophenol	7.358	128	149182	18.874	ng/u1	97
13) 2-Methylphenol	8.240	108	131768	18.418	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.322	45	111118m	16.025	ng/u1	
16) Acetophenone	8.628	105	233257	19.201	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.616	70	114740	19.740	ng/u1	96
18) 4-Methylphenol	8.569	108	144891	19.166	ng/u1	93
19) Hexachloroethane	8.857	117	68830	18.744	ng/u1	99
22) Nitrobenzene	9.004	77	181745	18.005	ng/u1	98
23) Isophorone	9.528	82	325991	18.681	ng/u1	99
25) 2-Nitrophenol	9.710	139	85229	19.291	ng/u1	100
26) 2,4-Dimethylphenol	9.775	107	170217	18.665	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.022	93	186074	18.179	ng/u1	99
29) 2,4-Dichlorophenol	10.240	162	142934	19.457	ng/u1	98
30) Naphthalene	10.640	128	505928	18.906	ng/u1	99
32) 4-Chloroaniline	10.763	127	204373	19.356	ng/u1	99
33) Hexachlorobutadiene	10.916	225	97222	18.971	ng/u1	98
34) Caprolactam	11.546	113	43436m	19.856	ng/u1	
35) 4-Chloro-3-methylphenol	11.887	107	171552	20.636	ng/u1	94
36) 2-Methylnaphthalene	12.257	142	351902	20.192	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	350480	20.341	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.628	216	173629	17.630	ng/ul	98
40) Hexachlorocyclopentadiene	12.598	237	137440	18.631	ng/ul#	91
41) 2,4,6-Trichlorophenol	12.875	196	118531	18.970	ng/ul	98
42) 2,4,5-Trichlorophenol	12.945	196	125402	18.365	ng/ul	98
43) 1,1'-Biphenyl	13.281	154	469403	17.833	ng/ul	99
44) 2-Chloronaphthalene	13.322	162	367636	17.983	ng/ul	97
45) 2-Nitroaniline	13.540	65	111190	18.865	ng/ul	97
47) Dimethylphthalate	13.922	163	492095	19.256	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	93355	18.915	ng/ul	96
50) Acenaphthylene	14.169	152	619524	18.692	ng/ul	99
51) 3-Nitroaniline	14.375	138	91624	18.946	ng/ul#	93
52) Acenaphthene	14.516	153	407930	18.577	ng/ul	99
53) 2,4-Dinitrophenol	14.587	184	59688	21.523	ng/ul	96
55) 4-Nitrophenol	14.681	109	98113	19.410	ng/ul	98
56) Dibenzofuran	14.851	168	563083	19.225	ng/ul	97
57) 2,4-Dinitrotoluene	14.839	165	148040	21.017	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.081	232	104639	19.042	ng/ul	91
59) Diethylphthalate	15.298	149	544107	19.919	ng/ul	99
61) Fluorene	15.510	166	465292	19.243	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	222557	19.226	ng/ul	95
63) 4-Nitroaniline	15.539	138	94198m	21.038	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.598	198	84084	18.654	ng/ul	97
67) N-Nitrosodiphenylamine	15.728	169	397170	18.822	ng/ul	99
68) 4-Bromophenyl-phenylether	16.410	248	136908	19.106	ng/ul	93
69) Hexachlorobenzene	16.504	284	150175	19.137	ng/ul	96
70) Atrazine	16.692	200	142811	19.664	ng/ul	98
71) Pentachlorophenol	16.857	266	97811	18.419	ng/ul	97
72) Phenanthrene	17.257	178	750853	19.249	ng/ul	99
74) Anthracene	17.345	178	761459	19.191	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.240	216	171419	17.169	ng/uL	98
76) Pentachlorobenzene	14.769	250	174002	18.688	ng/uL	96
77) Carbazole	17.628	167	663281	18.824	ng/ul	100
78) Di-n-butylphthalate	18.204	149	975911	19.931	ng/ul	100
80) Fluoranthene	19.286	202	856888	19.615	ng/ul	98
82) Pyrene	19.651	202	883926	19.687	ng/ul	98
83) Butylbenzylphthalate	20.580	149	430149	19.998	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.363	252	232119	19.027	ng/ul	94
85) Benzo(a)anthracene	21.416	228	800448	19.001	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.369	149	641788	19.712	ng/ul	99
87) Chrysene	21.469	228	722015	18.480	ng/ul	97
89) Di-n-octyl phthalate	22.292	149	1023633	20.634	ng/ul	100
90) Benzo(b)fluoranthene	23.074	252	712393	20.388	ng/ul	98
91) Benzo(k)fluoranthene	23.121	252	687097	19.039	ng/ul	98
93) Benzo(a)pyrene	23.680	252	634300	19.180	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.204	276	679456	17.276	ng/ul	98
95) Dibenzo(a,h)anthracene	26.233	278	561226	17.505	ng/ul	97
96) Benzo(g,h,i)perylene	26.951	276	552414	17.342	ng/ul	96

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

