

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031779.D
 Acq On : 04 Jun 2024 16:53
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020272

Quant Time: Jun 04 18:02:31 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/05/2024
 Supervised By :mohammad ahmed 06/07/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.675	152	673048	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.463	136	3072860	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.322	164	1858590	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.069	188	3272599	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	2226420	20.000	ng/u1	0.00
88) Perylene-d12	24.239	264	2459371	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	106963	6.575	ng/uL	0.00
4) Pyridine-d5	3.593	84	858734	18.751	ng/u1	0.00
7) Phenol-d5	6.852	99	1149530	19.923	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.022	67	635604	18.833	ng/u1	0.00
11) 2-Chlorophenol-d4	7.211	132	861292	19.563	ng/u1	0.00
15) 4-Methylphenol-d8	8.387	113	919089	19.541	ng/u1	0.00
21) Nitrobenzene-d5	8.834	128	450004	19.153	ng/u1	0.00
24) 2-Nitrophenol-d4	9.552	143	480423	19.795	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.087	165	874948	19.310	ng/u1	0.00
31) 4-Chloroaniline-d4	10.605	131	1202612	17.876	ng/u1	0.00
46) Dimethylphthalate-d6	13.734	166	2333551	18.022	ng/u1	-0.01
49) Acenaphthylene-d8	14.016	160	2823752	18.966	ng/u1	0.00
54) 4-Nitrophenol-d4	14.528	143	408434	15.755	ng/u1	0.00
60) Fluorene-d10	15.316	176	2005471	18.305	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.440	200	245463	14.922	ng/u1	0.00
73) Anthracene-d10	17.169	188	2671705	19.069	ng/u1	0.00
81) Pyrene-d10	19.463	212	2491398	20.911	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	2148409	18.294	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.223	88	112646	6.471	ng/uL	99
5) Pyridine	3.611	79	841450	18.376	ng/u1	98
6) Benzaldehyde	6.828	77	426124	15.746	ng/u1	98
8) Phenol	6.875	94	1173303	19.981	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.111	93	929738	19.148	ng/u1	98
12) 2-Chlorophenol	7.246	128	904743	19.638	ng/u1	99
13) 2-Methylphenol	8.122	108	890297	19.630	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.205	45	1027298	18.379	ng/u1	99
16) Acetophenone	8.499	105	1395918	19.584	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.487	70	668501	18.099	ng/u1	99
18) 4-Methylphenol	8.452	108	960745	19.542	ng/u1	96
19) Hexachloroethane	8.746	117	338980	17.375	ng/u1	91
22) Nitrobenzene	8.875	77	1064211	19.011	ng/u1	97
23) Isophorone	9.405	82	1966123	17.122	ng/u1	99
25) 2-Nitrophenol	9.581	139	521800	19.679	ng/u1	98
26) 2,4-Dimethylphenol	9.646	107	919499	17.826	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.887	93	1275114	17.817	ng/u1	100
29) 2,4-Dichlorophenol	10.110	162	864637	19.327	ng/u1	98
30) Naphthalene	10.510	128	2995716	18.837	ng/u1	99
32) 4-Chloroaniline	10.628	127	1189646	18.214	ng/u1	100
33) Hexachlorobutadiene	10.793	225	497303	18.508	ng/u1	96
34) Caprolactam	11.410	113	324368m	18.575	ng/u1	
35) 4-Chloro-3-methylphenol	11.752	107	955400	18.270	ng/u1	97
36) 2-Methylnaphthalene	12.128	142	2029666	18.672	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.352	142	1996985	18.309	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.499	216	991760	20.177	ng/ul	96
40) Hexachlorocyclopentadiene	12.475	237	548208	19.351	ng/ul	97
41) 2,4,6-Trichlorophenol	12.746	196	659561	19.769	ng/ul	96
42) 2,4,5-Trichlorophenol	12.816	196	710855	19.607	ng/ul	96
43) 1,1'-Biphenyl	13.152	154	2550493	19.510	ng/ul	98
44) 2-Chloronaphthalene	13.193	162	2038544	19.909	ng/ul	99
45) 2-Nitroaniline	13.404	65	559497	18.851	ng/ul	93
47) Dimethylphthalate	13.787	163	2409597	18.197	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	497227	18.890	ng/ul	98
50) Acenaphthylene	14.040	152	3265112	19.405	ng/ul	99
51) 3-Nitroaniline	14.234	138	508766	18.078	ng/ul	99
52) Acenaphthene	14.387	153	2112795	18.978	ng/ul	98
53) 2,4-Dinitrophenol	14.440	184	219703	16.534	ng/ul	98
55) 4-Nitrophenol	14.546	109	301545	15.680	ng/ul	93
56) Dibenzofuran	14.722	168	2853837	18.867	ng/ul	99
57) 2,4-Dinitrotoluene	14.693	165	667465	17.282	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.946	232	525300	17.322	ng/ul	93
59) Diethylphthalate	15.151	149	2363997	17.301	ng/ul	98
61) Fluorene	15.375	166	2265839	18.602	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.369	204	1092438	18.517	ng/ul	99
63) 4-Nitroaniline	15.398	138	492157	18.370	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.457	198	275225	15.739	ng/ul	99
67) N-Nitrosodiphenylamine	15.587	169	1929269	21.387	ng/ul	99
68) 4-Bromophenyl-phenylether	16.263	248	668621	21.086	ng/ul	98
69) Hexachlorobenzene	16.369	284	711959	19.811	ng/ul	97
70) Atrazine	16.540	200	546962	19.204	ng/ul	96
71) Pentachlorophenol	16.716	266	398007	17.310	ng/ul	90
72) Phenanthrene	17.110	178	3205891	19.230	ng/ul	98
74) Anthracene	17.198	178	3235324	19.153	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.110	216	1003581	23.825	ng/ul	99
76) Pentachlorobenzene	14.634	250	932324	22.724	ng/ul	99
77) Carbazole	17.475	167	2796941	19.418	ng/ul	98
78) Di-n-butylphthalate	18.039	149	3773148	19.040	ng/ul	100
80) Fluoranthene	19.134	202	3029300	21.275	ng/ul	97
82) Pyrene	19.492	202	3081814	21.096	ng/ul	99
83) Butylbenzylphthalate	20.404	149	1379749	19.997	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.216	252	651621	15.262	ng/ul	94
85) Benzo(a)anthracene	21.286	228	2775691	18.626	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.216	149	2050632	20.388	ng/ul	98
87) Chrysene	21.351	228	2600981	18.685	ng/ul	97
89) Di-n-octyl phthalate	22.327	149	3198581	19.427	ng/ul	100
90) Benzo(b)fluoranthene	23.310	252	2735051	18.605	ng/ul	99
91) Benzo(k)fluoranthene	23.369	252	2618619	18.154	ng/ul	98
93) Benzo(a)pyrene	24.104	252	2600244	18.886	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.545	276	3115469	19.637	ng/ul	99
95) Dibenzo(a,h)anthracene	27.598	278	2600245m	20.075	ng/ul	
96) Benzo(g,h,i)perylene	28.580	276	2534508	20.096	ng/ul	98

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

