

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022124\
 Data File : BN029932.D
 Acq On : 22 Feb 2024 18:03
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020319

Quant Time: Feb 22 22:46:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 21 22:34:54 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/23/2024
 Supervised By :mohammad ahmed 02/24/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.857	152	196290	20.000	ng/u1	0.00
20) Naphthalene-d8	10.651	136	793264	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.498	164	424627	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.251	188	879941	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	803278	20.000	ng/u1	0.00
88) Perylene-d12	23.821	264	893425	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	44187	7.404	ng/uL	0.00
4) Pyridine-d5	3.728	84	292727	18.393	ng/u1	0.00
7) Phenol-d5	7.028	99	350716	19.102	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.205	67	231323	18.878	ng/u1	0.00
11) 2-Chlorophenol-d4	7.387	132	273574	20.562	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	266559	19.467	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	126018	20.468	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	125082	23.327	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.275	165	232693	21.986	ng/u1	0.00
31) 4-Chloroaniline-d4	10.804	131	348820	19.318	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	643307	20.349	ng/u1	0.00
49) Acenaphthylene-d8	14.192	160	761873	20.293	ng/u1	0.00
54) 4-Nitrophenol-d4	14.710	143	112921	18.819	ng/u1	0.00
60) Fluorene-d10	15.498	176	544584	20.249	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	81730	19.062	ng/u1	0.00
73) Anthracene-d10	17.351	188	845462	20.501	ng/u1	0.00
81) Pyrene-d10	19.651	212	938503	19.469	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.668	264	875281	19.579	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	45055	7.289	ng/uL	95
5) Pyridine	3.746	79	301533	18.314	ng/u1	97
6) Benzaldehyde	7.005	77	205285m	24.943	ng/u1	
8) Phenol	7.052	94	362720	19.276	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.293	93	296043	18.710	ng/u1	99
12) 2-Chlorophenol	7.416	128	285114	20.425	ng/u1	99
13) 2-Methylphenol	8.305	108	259596	19.118	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.387	45	392002	18.969	ng/u1	99
16) Acetophenone	8.687	105	437118	20.058	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.675	70	230497	20.487	ng/u1	98
18) 4-Methylphenol	8.634	108	278760	19.428	ng/u1	97
19) Hexachloroethane	8.922	117	124261	19.183	ng/u1	96
22) Nitrobenzene	9.069	77	355349	20.370	ng/u1	97
23) Isophorone	9.593	82	601483	19.795	ng/u1	100
25) 2-Nitrophenol	9.775	139	139479	22.779	ng/u1	98
26) 2,4-Dimethylphenol	9.834	107	295644	20.146	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.081	93	373313	19.332	ng/u1	98
29) 2,4-Dichlorophenol	10.304	162	232704	21.278	ng/u1	94
30) Naphthalene	10.704	128	896209	19.766	ng/u1	99
32) 4-Chloroaniline	10.828	127	339327	19.037	ng/u1	98
33) Hexachlorobutadiene	10.975	225	140200	20.772	ng/u1	99
34) Caprolactam	11.604	113	69364m	19.060	ng/u1	
35) 4-Chloro-3-methylphenol	11.945	107	266976	21.135	ng/u1	97
36) 2-Methylnaphthalene	12.316	142	567071	20.402	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	556707	20.203	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.681	216	263143	20.907	ng/ul	97
40) Hexachlorocyclopentadiene	12.657	237	138735	16.863	ng/ul	99
41) 2,4,6-Trichlorophenol	12.928	196	160584	22.135	ng/ul	97
42) 2,4,5-Trichlorophenol	12.998	196	182052	22.333	ng/ul	97
43) 1,1'-Biphenyl	13.334	154	707611	19.760	ng/ul	99
44) 2-Chloronaphthalene	13.375	162	548477	19.707	ng/ul	98
45) 2-Nitroaniline	13.592	65	176405	21.559	ng/ul	96
47) Dimethylphthalate	13.969	163	669363	20.684	ng/ul	99
48) 2,6-Dinitrotoluene	14.092	165	128668	22.220	ng/ul	97
50) Acenaphthylene	14.222	152	909857	20.193	ng/ul	98
51) 3-Nitroaniline	14.422	138	136000	20.179	ng/ul	100
52) Acenaphthene	14.563	153	596797	20.051	ng/ul	93
53) 2,4-Dinitrophenol	14.628	184	49303	16.777	ng/ul	97
55) 4-Nitrophenol	14.722	109	108419	19.761	ng/ul	96
56) Dibenzofuran	14.904	168	782720	19.915	ng/ul	98
57) 2,4-Dinitrotoluene	14.881	165	184563	22.638	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.128	232	138846	23.999	ng/ul	98
59) Diethylphthalate	15.339	149	690809	20.781	ng/ul	99
61) Fluorene	15.551	166	639401	20.581	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.551	204	296389	21.330	ng/ul	94
63) 4-Nitroaniline	15.586	138	138538	22.775	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.639	198	91533	19.364	ng/ul	94
67) N-Nitrosodiphenylamine	15.769	169	547323	19.960	ng/ul	97
68) 4-Bromophenyl-phenylether	16.451	248	176760	21.223	ng/ul	89
69) Hexachlorobenzene	16.545	284	201032	21.414	ng/ul	95
70) Atrazine	16.733	200	171910	20.067	ng/ul	94
71) Pentachlorophenol	16.898	266	117411	21.536	ng/ul	96
72) Phenanthrene	17.292	178	1005427	19.753	ng/ul	99
74) Anthracene	17.386	178	1037662	20.313	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.292	216	250549	19.404	ng/ul	94
76) Pentachlorobenzene	14.816	250	229898	19.884	ng/ul	99
77) Carbazole	17.663	167	933904	20.016	ng/ul	98
78) Di-n-butylphthalate	18.239	149	1181901	21.065	ng/ul	99
80) Fluoranthene	19.316	202	1146497	19.579	ng/ul	99
82) Pyrene	19.680	202	1200518	19.379	ng/ul	96
83) Butylbenzylphthalate	20.604	149	539025	21.350	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.380	252	298047	19.156	ng/ul	92
85) Benzo(a)anthracene	21.439	228	1159337	19.647	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.392	149	844102	21.615	ng/ul	99
87) Chrysene	21.492	228	1080567	19.540	ng/ul	100
89) Di-n-octyl phthalate	22.316	149	1381194	19.944	ng/ul	100
90) Benzo(b)fluoranthene	23.104	252	1122329	19.944	ng/ul	97
91) Benzo(k)fluoranthene	23.151	252	1119461	19.435	ng/ul	98
93) Benzo(a)pyrene	23.715	252	1043954	19.344	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.262	276	1209752	18.409	ng/ul	100
95) Dibenzo(a,h)anthracene	26.286	278	1008293	18.794	ng/ul	95
96) Benzo(g,h,i)perylene	27.004	276	979050	17.812	ng/ul	95

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

