

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050624\
 Data File : BN031416.D
 Acq On : 07 May 2024 01:54
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020399

Quant Time: May 07 03:22:14 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN050324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 14:17:04 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/07/2024
 Supervised By :mohammad ahmed 05/08/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.593	152	279173	20.000	ng/u1	0.00
20) Naphthalene-d8	10.375	136	1104980	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.245	164	635462	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.998	188	1178615	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.233	240	993997	20.000	ng/u1	# 0.00
88) Perylene-d12	24.104	264	1125489	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	50715	7.862	ng/uL	0.00
4) Pyridine-d5	3.522	84	344572	20.551	ng/u1	0.00
7) Phenol-d5	6.775	99	423548	19.898	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.940	67	259974	21.627	ng/u1	0.00
11) 2-Chlorophenol-d4	7.128	132	353505	19.913	ng/u1	0.00
15) 4-Methylphenol-d8	8.305	113	332436	18.834	ng/u1	0.00
21) Nitrobenzene-d5	8.752	128	169745	20.389	ng/u1	0.00
24) 2-Nitrophenol-d4	9.469	143	178435	19.395	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.999	165	323531	19.565	ng/u1	0.00
31) 4-Chloroaniline-d4	10.522	131	441830	19.191	ng/u1	0.00
46) Dimethylphthalate-d6	13.663	166	866787	18.957	ng/u1	0.00
49) Acenaphthylene-d8	13.940	160	1034616	20.560	ng/u1	0.00
54) 4-Nitrophenol-d4	14.469	143	147740	18.175	ng/u1	0.00
60) Fluorene-d10	15.245	176	716612	19.176	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.375	200	118855	16.487	ng/u1	0.00
73) Anthracene-d10	17.098	188	1035397	20.172	ng/u1	0.00
81) Pyrene-d10	19.404	212	1118104	19.809	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.910	264	1012268	18.855	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.152	88	53334	8.285	ng/uL	98
5) Pyridine	3.540	79	349514	20.727	ng/u1	96
6) Benzaldehyde	6.752	77	227384	22.532	ng/u1	96
8) Phenol	6.805	94	431006	20.016	ng/u1	92
10) Bis(2-Chloroethyl)ether	7.034	93	364854	21.259	ng/u1	97
12) 2-Chlorophenol	7.163	128	369819	19.929	ng/u1	98
13) 2-Methylphenol	8.040	108	322388	19.344	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.116	45	463293	24.601	ng/u1	95
16) Acetophenone	8.422	105	522271	18.702	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.405	70	254964	18.483	ng/u1	99
18) 4-Methylphenol	8.369	108	349575	19.408	ng/u1	99
19) Hexachloroethane	8.657	117	157794	19.267	ng/u1	99
22) Nitrobenzene	8.799	77	399184	20.238	ng/u1	98
23) Isophorone	9.316	82	718279	19.155	ng/u1	97
25) 2-Nitrophenol	9.499	139	193773	19.584	ng/u1	95
26) 2,4-Dimethylphenol	9.563	107	354040	18.336	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.804	93	465648	21.282	ng/u1	99
29) 2,4-Dichlorophenol	10.028	162	317451	19.413	ng/u1	99
30) Naphthalene	10.422	128	1134420	19.917	ng/u1	99
32) 4-Chloroaniline	10.546	127	438296	19.698	ng/u1	99
33) Hexachlorobutadiene	10.699	225	210689	18.382	ng/u1	92
34) Caprolactam	11.328	113	88346	16.704	ng/u1	93
35) 4-Chloro-3-methylphenol	11.675	107	333045	17.518	ng/u1	95
36) 2-Methylnaphthalene	12.046	142	749513	19.276	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	743045	19.094	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.416	216	377434	21.185	ng/ul	98
40) Hexachlorocyclopentadiene	12.387	237	212321	18.035	ng/ul	96
41) 2,4,6-Trichlorophenol	12.663	196	237062	20.069	ng/ul	99
42) 2,4,5-Trichlorophenol	12.734	196	254792	20.052	ng/ul	95
43) 1,1'-Biphenyl	13.075	154	950332	21.115	ng/ul	97
44) 2-Chloronaphthalene	13.110	162	740519	20.850	ng/ul	96
45) 2-Nitroaniline	13.334	65	195468	19.316	ng/ul	95
47) Dimethylphthalate	13.710	163	884736	18.907	ng/ul	98
48) 2,6-Dinitrotoluene	13.834	165	173638	18.591	ng/ul	96
50) Acenaphthylene	13.969	152	1183009	20.367	ng/ul	99
51) 3-Nitroaniline	14.169	138	176843	19.188	ng/ul	93
52) Acenaphthene	14.310	153	762908	19.724	ng/ul	100
53) 2,4-Dinitrophenol	14.375	184	76414	13.736	ng/ul	94
55) 4-Nitrophenol	14.481	109	123266	14.660	ng/ul#	80
56) Dibenzofuran	14.645	168	1039002	20.093	ng/ul	90
57) 2,4-Dinitrotoluene	14.628	165	241844	17.805	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	14.875	232	198987	18.208	ng/ul	96
59) Diethylphthalate	15.087	149	863975	17.743	ng/ul	99
61) Fluorene	15.298	166	814069	18.912	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.298	204	400812	18.710	ng/ul	95
63) 4-Nitroaniline	15.334	138	154003	18.844	ng/ul	87
66) 4,6-Dinitro-2-methylph...	15.392	198	131526	17.508	ng/ul	93
67) N-Nitrosodiphenylamine	15.516	169	704848	21.186	ng/ul	99
68) 4-Bromophenyl-phenylether	16.198	248	243106	20.483	ng/ul	92
69) Hexachlorobenzene	16.298	284	272683	19.368	ng/ul	98
70) Atrazine	16.475	200	202691	18.108	ng/ul	95
71) Pentachlorophenol	16.651	266	157404	17.467	ng/ul	96
72) Phenanthrene	17.039	178	1231280	20.246	ng/ul	98
74) Anthracene	17.133	178	1261948	20.378	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.034	216	361722	22.824	ng/uL	97
76) Pentachlorobenzene	14.563	250	330586	20.786	ng/uL	99
77) Carbazole	17.410	167	1095748	20.446	ng/ul	99
78) Di-n-butylphthalate	17.975	149	1392854	18.889	ng/ul	99
80) Fluoranthene	19.063	202	1362319	20.042	ng/ul#	93
82) Pyrene	19.433	202	1405039	19.804	ng/ul#	95
83) Butylbenzylphthalate	20.345	149	588089	18.691	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.151	252	370882	20.060	ng/ul	95
85) Benzo(a)anthracene	21.216	228	1371215	20.571	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.145	149	820918	18.424	ng/ul	100
87) Chrysene	21.274	228	1286301	20.496	ng/ul	96
89) Di-n-octyl phthalate	22.239	149	1380163	17.191	ng/ul	100
90) Benzo(b)fluoranthene	23.204	252	1345404m	19.966	ng/ul	
91) Benzo(k)fluoranthene	23.263	252	1353788	20.391	ng/ul	98
93) Benzo(a)pyrene	23.980	252	1223550	19.899	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.327	276	1578680	21.534	ng/ul	96
95) Dibenzo(a,h)anthracene	27.386	278	1283278	21.019	ng/ul	96
96) Benzo(g,h,i)perylene	28.339	276	1291063	21.860	ng/ul	97

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

