

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101122\
 Data File : BN022053.D
 Acq On : 11 Oct 2022 15:39
 Operator : CG/JU
 Sample : SSTD02031
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020240

Quant Time: Oct 12 03:07:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 12 03:00:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/12/2022
 Supervised By :mohammad ahmed 10/14/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	98487	20.000	ng/u1	0.00
20) Naphthalene-d8	10.799	136	485340	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.639	164	330725	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.392	188	698025	20.000	ng/u1	0.00
79) Chrysene-d12	21.592	240	709332	20.000	ng/u1	0.00
88) Perylene-d12	24.063	264	748494	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.264	96	21203	8.083	ng/uL	0.00
4) Pyridine-d5	3.705	84	156395	21.876	ng/u1	0.00
7) Phenol-d5	7.122	99	185595	20.778	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.293	67	127113	23.509	ng/u1	0.00
11) 2-Chlorophenol-d4	7.493	132	139057	21.397	ng/u1	0.00
15) 4-Methylphenol-d8	8.687	113	151520	21.619	ng/u1	0.00
21) Nitrobenzene-d5	9.146	128	71527	21.631	ng/u1	0.00
24) 2-Nitrophenol-d4	9.875	143	72112	24.416	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.416	165	138712	21.206	ng/u1	0.00
31) 4-Chloroaniline-d4	10.940	131	231652	20.853	ng/u1	0.00
46) Dimethylphthalate-d6	14.045	166	487503	21.566	ng/u1	0.00
49) Acenaphthylene-d8	14.334	160	537861	20.410	ng/u1	0.00
54) 4-Nitrophenol-d4	14.839	143	98309	21.855	ng/u1	0.00
60) Fluorene-d10	15.634	176	410772	20.884	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	77084	27.609	ng/u1	0.00
73) Anthracene-d10	17.492	188	635609	20.663	ng/u1	0.00
81) Pyrene-d10	19.792	212	713311	21.146	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.904	264	744415	20.983	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	22455	8.312	ng/uL	100
5) Pyridine	3.722	79	160259	22.278	ng/u1	100
6) Benzaldehyde	7.099	77	115834	29.846	ng/u1	100
8) Phenol	7.152	94	200110	21.679	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.387	93	165884	22.539	ng/u1	100
12) 2-Chlorophenol	7.522	128	150589	21.599	ng/u1	100
13) 2-Methylphenol	8.416	108	149786	21.357	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.510	45	254614	27.427	ng/u1	100
16) Acetophenone	8.805	105	262776	23.706	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.787	70	140428	25.442	ng/u1	100
18) 4-Methylphenol	8.752	108	170675	22.154	ng/u1	100
19) Hexachloroethane	9.057	117	59069	21.256	ng/u1	100
22) Nitrobenzene	9.187	77	199950	24.538	ng/u1	100
23) Isophorone	9.716	82	392039	23.364	ng/u1	100
25) 2-Nitrophenol	9.904	139	88483	25.575	ng/u1	100
26) 2,4-Dimethylphenol	9.963	107	188874	22.046	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.204	93	244859	23.302	ng/u1	100
29) 2,4-Dichlorophenol	10.440	162	149440	21.805	ng/u1	100
30) Naphthalene	10.846	128	541474	21.426	ng/u1	100
32) 4-Chloroaniline	10.963	127	244252	21.217	ng/u1	100
33) Hexachlorobutadiene	11.128	225	81841	20.728	ng/u1	100
34) Caprolactam	11.746	113	53860	20.546	ng/u1	100
35) 4-Chloro-3-methylphenol	12.087	107	185298	23.990	ng/u1	100
36) 2-Methylnaphthalene	12.463	142	375436	21.961	ng/u1	100

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37) 1-Methylnaphthalene	12.681	142	381674	22.215	ng/u1	100
39) 1,2,4,5-Tetrachloroben...	12.828	216	172241	20.310	ng/u1	100
40) Hexachlorocyclopentadiene	12.804	237	89352	17.697	ng/u1	100
41) 2,4,6-Trichlorophenol	13.069	196	117402	22.311	ng/u1	100
42) 2,4,5-Trichlorophenol	13.140	196	132275	22.910	ng/u1	100
43) 1,1'-Biphenyl	13.475	154	504969	20.893	ng/u1	100
44) 2-Chloronaphthalene	13.516	162	387401	20.937	ng/u1	100
45) 2-Nitroaniline	13.728	65	122974	26.498	ng/u1	100
47) Dimethylphthalate	14.098	163	503880	21.792	ng/u1	100
48) 2,6-Dinitrotoluene	14.222	165	92177	23.237	ng/u1	100
50) Acenaphthylene	14.363	152	608942	20.016	ng/u1	100
51) 3-Nitroaniline	14.551	138	108767	24.612	ng/u1	100
52) Acenaphthene	14.704	153	434819	22.120	ng/u1	100
53) 2,4-Dinitrophenol	14.757	184	53576	27.589	ng/u1	100
55) 4-Nitrophenol	14.851	109	81329	22.555	ng/u1	100
56) Dibenzofuran	15.039	168	581104	20.575	ng/u1	100
57) 2,4-Dinitrotoluene	15.004	165	141456	24.553	ng/u1	100
58) 2,3,4,6-Tetrachlorophenol	15.263	232	111640	25.192	ng/u1	100
59) Diethylphthalate	15.457	149	538202	23.081	ng/u1	100
61) Fluorene	15.686	166	495996	22.267	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.681	204	230188	22.418	ng/u1	100
63) 4-Nitroaniline	15.716	138	112679	25.408	ng/u1	100
66) 4,6-Dinitro-2-methylph...	15.769	198	81155	27.437	ng/u1	100
67) N-Nitrosodiphenylamine	15.898	169	430544	22.007	ng/u1	100
68) 4-Bromophenyl-phenylether	16.581	248	130757	21.063	ng/u1	100
69) Hexachlorobenzene	16.692	284	157510	21.314	ng/u1	100
70) Atrazine	16.851	200	139558	20.159	ng/u1	100
71) Pentachlorophenol	17.039	266	91317	22.195	ng/u1	100
72) Phenanthrene	17.433	178	794805	21.557	ng/u1	100
74) Anthracene	17.528	178	800511	21.804	ng/u1	100
75) 1,2,3,4-Tetrachloroben...	13.440	216	177255	19.952	ng/uL	100
76) Pentachlorobenzene	14.957	250	189316	22.369	ng/uL	100
77) Carbazole	17.798	167	745956	21.501	ng/u1	100
78) Di-n-butylphthalate	18.363	149	921136	23.549	ng/u1	100
80) Fluoranthene	19.457	202	895152	22.000	ng/u1	100
82) Pyrene	19.822	202	925744	21.829	ng/u1	100
83) Butylbenzylphthalate	20.722	149	405087	25.237	ng/u1	100
84) 3,3'-Dichlorobenzidine	21.510	252	324277	23.976	ng/u1	100
85) Benzo(a)anthracene	21.574	228	919683	21.534	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.498	149	612786	24.934	ng/u1	100
87) Chrysene	21.633	228	920348	22.257	ng/u1	100
89) Di-n-octyl phthalate	22.445	149	1078752	24.604	ng/u1	100
90) Benzo(b)fluoranthene	23.304	252	974120	21.392	ng/u1	100
91) Benzo(k)fluoranthene	23.357	252	969146	23.792	ng/u1	100
93) Benzo(a)pyrene	23.957	252	868017	19.923	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.668	276	1048301	19.599	ng/u1	100
95) Dibenzo(a,h)anthracene	26.686	278	983350m	21.785	ng/u1	
96) Benzo(g,h,i)perylene	27.468	276	989619	21.202	ng/u1	100

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

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