

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091224\
 Data File : BN033887.D
 Acq On : 12 Sep 2024 19:28
 Operator : JU/RC
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020317

Quant Time: Sep 13 03:21:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 11 01:58:59 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 09/13/2024
 Supervised By :mohammad ahmed 09/14/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.493	152	146576	20.000	ng/u1	0.00
20) Naphthalene-d8	10.251	136	593185	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.139	164	373109	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.892	188	786527	20.000	ng/u1	0.00
79) Chrysene-d12	21.127	240	796289	20.000	ng/u1	0.00
88) Perylene-d12	23.904	264	958047	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.111	96	30990	8.628	ng/uL	0.00
4) Pyridine-d5	3.499	84	207385	19.424	ng/u1	0.00
7) Phenol-d5	6.687	99	239228	18.390	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.846	67	151476	18.768	ng/u1	0.00
11) 2-Chlorophenol-d4	7.034	132	199970	19.529	ng/u1	0.00
15) 4-Methylphenol-d8	8.204	113	190453	17.793	ng/u1	0.00
21) Nitrobenzene-d5	8.634	128	94076	19.898	ng/u1	0.00
24) 2-Nitrophenol-d4	9.346	143	98332	20.225	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.881	165	178401	19.484	ng/u1	0.00
31) 4-Chloroaniline-d4	10.393	131	260124	18.765	ng/u1	0.00
46) Dimethylphthalate-d6	13.557	166	539508	19.349	ng/u1	0.00
49) Acenaphthylene-d8	13.828	160	620493	19.781	ng/u1	0.00
54) 4-Nitrophenol-d4	14.357	143	103786	18.137	ng/u1	0.00
60) Fluorene-d10	15.139	176	460696	19.495	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.269	200	84018	17.916	ng/u1	0.00
73) Anthracene-d10	16.992	188	730237	19.748	ng/u1	0.00
81) Pyrene-d10	19.298	212	863460	19.462	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.715	264	991296	20.143	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.140	88	32360	8.540	ng/uL	96
5) Pyridine	3.517	79	215958	19.767	ng/u1	97
6) Benzaldehyde	6.646	77	159198	23.184	ng/u1	97
8) Phenol	6.710	94	248446	18.344	ng/u1	98
10) Bis(2-Chloroethyl)ether	6.934	93	196707	18.687	ng/u1	99
12) 2-Chlorophenol	7.063	128	206520	19.680	ng/u1	99
13) 2-Methylphenol	7.940	108	182360	18.014	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.016	45	291155	18.755	ng/u1	99
16) Acetophenone	8.304	105	308152	18.174	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.299	70	152488	18.161	ng/u1	99
18) 4-Methylphenol	8.263	108	203759	18.086	ng/u1	96
19) Hexachloroethane	8.552	117	88564	20.010	ng/u1	94
22) Nitrobenzene	8.675	77	234330	19.802	ng/u1	99
23) Isophorone	9.204	82	416307	19.077	ng/u1	99
25) 2-Nitrophenol	9.381	139	108611	19.961	ng/u1	99
26) 2,4-Dimethylphenol	9.451	107	222152	19.845	ng/u1	96
27) Bis(2-Chloroethoxy)met...	9.687	93	254644	18.965	ng/u1	99
29) 2,4-Dichlorophenol	9.910	162	183767	19.822	ng/u1	97
30) Naphthalene	10.304	128	641046	19.757	ng/u1	100
32) 4-Chloroaniline	10.416	127	256559	18.781	ng/u1	96
33) Hexachlorobutadiene	10.593	225	124597	20.948	ng/u1	98
34) Caprolactam	11.187	113	58817	15.934	ng/u1	90
35) 4-Chloro-3-methylphenol	11.557	107	202811	18.582	ng/u1	96
36) 2-Methylnaphthalene	11.922	142	433428	19.393	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.145	142	431662	19.080	ng/u1	93
39) 1,2,4,5-Tetrachloroben...	12.304	216	218062	20.245	ng/u1	100
40) Hexachlorocyclopentadiene	12.287	237	129875	19.596	ng/u1	99
41) 2,4,6-Trichlorophenol	12.551	196	141982	19.883	ng/u1	96
42) 2,4,5-Trichlorophenol	12.622	196	159422	20.325	ng/u1	95
43) 1,1'-Biphenyl	12.963	154	547229	19.454	ng/u1	99
44) 2-Chloronaphthalene	12.998	162	434993	19.851	ng/u1	99
45) 2-Nitroaniline	13.210	65	135667	19.159	ng/u1	99
47) Dimethylphthalate	13.610	163	551751	19.415	ng/u1	100
48) 2,6-Dinitrotoluene	13.722	165	107467	19.205	ng/u1	99
50) Acenaphthylene	13.851	152	669503	19.505	ng/u1	99
51) 3-Nitroaniline	14.051	138	121927	19.716	ng/u1	98
52) Acenaphthene	14.198	153	477647	19.492	ng/u1	98
53) 2,4-Dinitrophenol	14.257	184	56474	17.158	ng/u1	92
55) 4-Nitrophenol	14.375	109	91196	18.765	ng/u1	92
56) Dibenzofuran	14.539	168	644988	19.247	ng/u1	95
57) 2,4-Dinitrotoluene	14.516	165	163410	19.370	ng/u1	100
58) 2,3,4,6-Tetrachlorophenol	14.775	232	130694	20.080	ng/u1	98
59) Diethylphthalate	14.992	149	571973	19.261	ng/u1	100
61) Fluorene	15.192	166	529827	19.327	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.198	204	259616	19.539	ng/u1	97
63) 4-Nitroaniline	15.216	138	133312	20.949	ng/u1	96
66) 4,6-Dinitro-2-methylph...	15.281	198	96130	18.460	ng/u1	99
67) N-Nitrosodiphenylamine	15.416	169	462674	19.631	ng/u1	98
68) 4-Bromophenyl-phenylether	16.092	248	159651	19.989	ng/u1	97
69) Hexachlorobenzene	16.198	284	186254	20.092	ng/u1	97
70) Atrazine	16.381	200	173785	20.351	ng/u1	97
71) Pentachlorophenol	16.545	266	118676	19.221	ng/u1	96
72) Phenanthrene	16.933	178	854821	19.710	ng/u1	99
74) Anthracene	17.028	178	878771	19.844	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	12.922	216	222251	20.303	ng/uL	98
76) Pentachlorobenzene	14.463	250	219329	19.678	ng/uL	98
77) Carbazole	17.298	167	809721	19.866	ng/u1	99
78) Di-n-butylphthalate	17.886	149	1014699	19.584	ng/u1	100
80) Fluoranthene	18.963	202	1005221	19.380	ng/u1	98
82) Pyrene	19.327	202	1095163	19.641	ng/u1	97
83) Butylbenzylphthalate	20.263	149	479825	19.189	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.051	252	359237	20.084	ng/u1	99
85) Benzo(a)anthracene	21.110	228	1137749	20.040	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.074	149	731974	19.999	ng/u1	97
87) Chrysene	21.169	228	1043582	19.264	ng/u1	96
89) Di-n-octyl phthalate	22.133	149	1247426	19.568	ng/u1	100
90) Benzo(b)fluoranthene	23.033	252	1141489	19.542	ng/u1	96
91) Benzo(k)fluoranthene	23.098	252	1174257	20.378	ng/u1	96
93) Benzo(a)pyrene	23.780	252	1092528	19.800	ng/u1	97
94) Indeno(1,2,3-cd)pyrene	26.986	276	1379302m	20.174	ng/u1	
95) Dibenzo(a,h)anthracene	27.051	278	1118017	20.230	ng/u1	97
96) Benzo(g,h,i)perylene	27.951	276	1045290	19.695	ng/u1	98

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

