

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112122\
 Data File : BN022780.D
 Acq On : 21 Nov 2022 10:52
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020365

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/22/2022
 Supervised By :mohammad ahmed 11/25/2022

Quant Time: Nov 21 14:04:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN11522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 19 05:51:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	53471	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	257536	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.522	164	178883	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.275	188	373295	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	369148	20.000	ng/u1	0.00
88) Perylene-d12	23.874	264	387465	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	12968	8.280	ng/uL	0.00
4) Pyridine-d5	3.611	84	91928	20.755	ng/u1	0.00
7) Phenol-d5	7.017	99	106424	21.073	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.181	67	70846	23.397	ng/u1	0.00
11) 2-Chlorophenol-d4	7.375	132	79207	21.416	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	88577	22.217	ng/u1	0.00
21) Nitrobenzene-d5	9.028	128	42407	21.273	ng/u1	0.00
24) 2-Nitrophenol-d4	9.752	143	45672	20.533	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.293	165	82429	21.738	ng/u1	0.00
31) 4-Chloroaniline-d4	10.816	131	128154	22.188	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	280239	21.538	ng/u1	0.00
49) Acenaphthylene-d8	14.216	160	313147	21.843	ng/u1	0.00
54) 4-Nitrophenol-d4	14.740	143	51853	19.991	ng/u1	0.00
60) Fluorene-d10	15.516	176	239160	22.412	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	46504	19.599	ng/u1	0.00
73) Anthracene-d10	17.375	188	372004	22.758	ng/u1	0.00
81) Pyrene-d10	19.681	212	415579	21.723	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.716	264	416902	21.404	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.211	88	13304	7.982	ng/uL	95
5) Pyridine	3.634	79	90334	20.570	ng/u1	98
6) Benzaldehyde	6.987	77	70976	27.778	ng/u1	97
8) Phenol	7.046	94	113265	21.534	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.275	93	91376	22.294	ng/u1	96
12) 2-Chlorophenol	7.411	128	86331	21.860	ng/u1	99
13) 2-Methylphenol	8.305	108	85708	21.892	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.393	45	133571	24.688	ng/u1	99
16) Acetophenone	8.687	105	150128	23.592	ng/u1	94
17) N-Nitroso-di-n-propyla...	8.669	70	82370	24.287	ng/u1	97
18) 4-Methylphenol	8.640	108	95825	22.541	ng/u1	96
19) Hexachloroethane	8.928	117	37392	22.363	ng/u1	100
22) Nitrobenzene	9.069	77	122514	22.684	ng/u1	99
23) Isophorone	9.599	82	224619	21.743	ng/u1	100
25) 2-Nitrophenol	9.781	139	53022	21.682	ng/u1	93
26) 2,4-Dimethylphenol	9.846	107	119639	22.808	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.087	93	133651	22.434	ng/u1	99
29) 2,4-Dichlorophenol	10.316	162	87050	22.586	ng/u1	99
30) Naphthalene	10.716	128	306889	22.451	ng/u1	100
32) 4-Chloroaniline	10.840	127	135941	22.536	ng/u1	99
33) Hexachlorobutadiene	10.993	225	55396	23.351	ng/u1	97
34) Caprolactam	11.628	113	30047m	20.550	ng/u1	
35) 4-Chloro-3-methylphenol	11.975	107	116888	23.254	ng/u1	99
36) 2-Methylnaphthalene	12.340	142	220147	23.641	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	221789	23.759	ng/u1	95
39) 1,2,4,5-Tetrachloroben...	12.704	216	103355	21.526	ng/u1	95
40) Hexachlorocyclopentadiene	12.675	237	51242	18.279	ng/u1	98
41) 2,4,6-Trichlorophenol	12.951	196	71675	21.025	ng/u1	98
42) 2,4,5-Trichlorophenol	13.028	196	78489	21.742	ng/u1	96
43) 1,1'-Biphenyl	13.351	154	285728	21.761	ng/u1	98
44) 2-Chloronaphthalene	13.399	162	222696	21.766	ng/u1	97
45) 2-Nitroaniline	13.616	65	80065	21.548	ng/u1	97
47) Dimethylphthalate	13.981	163	295568	21.613	ng/u1	98
48) 2,6-Dinitrotoluene	14.110	165	57936	20.929	ng/u1	96
50) Acenaphthylene	14.246	152	355812	22.217	ng/u1	99
51) 3-Nitroaniline	14.446	138	62890	21.099	ng/u1	98
52) Acenaphthene	14.587	153	249888	21.991	ng/u1	98
53) 2,4-Dinitrophenol	14.657	184	31898	16.488	ng/u1	97
55) 4-Nitrophenol	14.757	109	55761	21.688	ng/u1	98
56) Dibenzofuran	14.922	168	340887	22.705	ng/u1	100
57) 2,4-Dinitrotoluene	14.904	165	88628	21.985	ng/u1	91
58) 2,3,4,6-Tetrachlorophenol	15.151	232	67944	21.975	ng/u1	96
59) Diethylphthalate	15.345	149	321523	22.182	ng/u1	100
61) Fluorene	15.569	166	287078	22.897	ng/u1	96
62) 4-Chlorophenyl-phenyle...	15.563	204	133899	22.656	ng/u1	92
63) 4-Nitroaniline	15.610	138	60912	22.915	ng/u1	98
66) 4,6-Dinitro-2-methylph...	15.663	198	48701	19.857	ng/u1	95
67) N-Nitrosodiphenylamine	15.787	169	245284	21.946	ng/u1	99
68) 4-Bromophenyl-phenylether	16.463	248	80812	21.984	ng/u1	98
69) Hexachlorobenzene	16.569	284	98516	22.926	ng/u1	94
70) Atrazine	16.745	200	87256	21.902	ng/u1	97
71) Pentachlorophenol	16.928	266	56623	20.739	ng/u1	98
72) Phenanthrene	17.316	178	457507	22.738	ng/u1	97
74) Anthracene	17.410	178	466116	22.871	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.316	216	106218	21.577	ng/uL	97
76) Pentachlorobenzene	14.834	250	116884	22.000	ng/uL	97
77) Carbazole	17.687	167	428452	22.626	ng/u1	97
78) Di-n-butylphthalate	18.245	149	563724	20.918	ng/u1	100
80) Fluoranthene	19.345	202	526648	22.057	ng/u1	100
82) Pyrene	19.710	202	538786	22.029	ng/u1	99
83) Butylbenzylphthalate	20.610	149	259875	20.874	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.398	252	186656	22.917	ng/u1	92
85) Benzo(a)anthracene	21.463	228	536271	21.999	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	394724	21.481	ng/u1	98
87) Chrysene	21.516	228	515213	22.318	ng/u1	97
89) Di-n-octyl phthalate	22.304	149	694323	20.375	ng/u1	100
90) Benzo(b)fluoranthene	23.139	252	557149	21.218	ng/u1	98
91) Benzo(k)fluoranthene	23.186	252	545187	21.873	ng/u1	97
93) Benzo(a)pyrene	23.769	252	484783	21.781	ng/u1	96
94) Indeno(1,2,3-cd)pyrene	26.380	276	563173	22.249	ng/u1	99
95) Dibenzo(a,h)anthracene	26.392	278	501556	22.107	ng/u1	99
96) Benzo(g,h,i)perylene	27.145	276	480525	21.772	ng/u1	98

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

