

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020223\
 Data File : BN023909.D
 Acq On : 02 Feb 2023 17:44
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020398

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/03/2023
 Supervised By : Jagrut Upadhyay 02/03/2023

Quant Time: Feb 03 01:19:13 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020123.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 02 02:10:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.852	152	166929	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	699954	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	456004	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.257	188	1009114	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	895149	20.000	ng/u1	0.00
88) Perylene-d12	23.857	264	811764	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	31416	7.596	ng/uL	0.00
4) Pyridine-d5	3.664	84	227076	19.650	ng/u1	0.00
7) Phenol-d5	7.022	99	278117	19.079	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.187	67	178495	19.375	ng/u1	0.00
11) 2-Chlorophenol-d4	7.381	132	228798	20.074	ng/u1	0.00
15) 4-Methylphenol-d8	8.575	113	230573	19.939	ng/u1	0.00
21) Nitrobenzene-d5	9.022	128	111169	19.575	ng/u1	0.00
24) 2-Nitrophenol-d4	9.746	143	128555	19.895	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	245275	20.329	ng/u1	0.00
31) 4-Chloroaniline-d4	10.805	131	341555	20.750	ng/u1	0.00
46) Dimethylphthalate-d6	13.922	166	757490	20.807	ng/u1	0.00
49) Acenaphthylene-d8	14.198	160	832864	21.148	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	128396	19.453	ng/u1	0.00
60) Fluorene-d10	15.498	176	643350	21.079	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.622	200	133414	18.684	ng/u1	0.00
73) Anthracene-d10	17.351	188	984729	20.961	ng/u1	0.00
81) Pyrene-d10	19.651	212	1122542	20.655	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.692	264	873361	20.729	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.276	88	33311	7.819	ng/uL#	83
5) Pyridine	3.681	79	224551	19.338	ng/u1	97
6) Benzaldehyde	6.993	77	122262	19.288	ng/u1	97
8) Phenol	7.052	94	285248	19.465	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.281	93	235051	19.687	ng/u1	99
12) 2-Chlorophenol	7.411	128	229347	19.884	ng/u1	99
13) 2-Methylphenol	8.305	108	217499	19.561	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.393	45	291087m	19.093	ng/u1	
16) Acetophenone	8.687	105	372007	20.772	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.669	70	198296	20.169	ng/u1	99
18) 4-Methylphenol	8.640	108	243078	20.183	ng/u1	100
19) Hexachloroethane	8.928	117	96226	19.920	ng/u1	97
22) Nitrobenzene	9.063	77	290882	20.403	ng/u1	99
23) Isophorone	9.593	82	549104	20.406	ng/u1	98
25) 2-Nitrophenol	9.775	139	139084	20.727	ng/u1	98
26) 2,4-Dimethylphenol	9.840	107	278286	20.942	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.081	93	334396	20.341	ng/u1	99
29) 2,4-Dichlorophenol	10.310	162	240894	20.690	ng/u1	99
30) Naphthalene	10.710	128	773805	20.413	ng/u1	98
32) 4-Chloroaniline	10.828	127	343860	20.990	ng/u1	100
33) Hexachlorobutadiene	10.993	225	164814	20.201	ng/u1	96
34) Caprolactam	11.616	113	70822m	19.466	ng/u1	
35) 4-Chloro-3-methylphenol	11.957	107	257273	20.615	ng/u1	98
36) 2-Methylnaphthalene	12.328	142	532414	20.671	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.546	142	550338	20.885	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.693	216	324586	20.716	ng/u1	99
40) Hexachlorocyclopentadiene	12.669	237	209264	18.551	ng/u1	99
41) 2,4,6-Trichlorophenol	12.940	196	212257	20.532	ng/u1	98
42) 2,4,5-Trichlorophenol	13.010	196	229462	20.492	ng/u1	98
43) 1,1'-Biphenyl	13.340	154	757023	21.067	ng/u1	98
44) 2-Chloronaphthalene	13.381	162	584919	20.920	ng/u1	99
45) 2-Nitroaniline	13.593	65	169299	20.166	ng/u1	97
47) Dimethylphthalate	13.969	163	747241	20.682	ng/u1	100
48) 2,6-Dinitrotoluene	14.093	165	149765	20.907	ng/u1	99
50) Acenaphthylene	14.228	152	896060	21.184	ng/u1	99
51) 3-Nitroaniline	14.422	138	125668	19.489	ng/u1	93
52) Acenaphthene	14.569	153	620388	21.128	ng/u1	97
53) 2,4-Dinitrophenol	14.628	184	84625	16.805	ng/u1	98
55) 4-Nitrophenol	14.734	109	113757	20.273	ng/u1	98
56) Dibenzofuran	14.904	168	888762	21.217	ng/u1	100
57) 2,4-Dinitrotoluene	14.881	165	215719	21.285	ng/u1	91
58) 2,3,4,6-Tetrachlorophenol	15.134	232	199372	19.965	ng/u1	94
59) Diethylphthalate	15.334	149	752485	20.960	ng/u1	99
61) Fluorene	15.557	166	711269	20.763	ng/u1	95
62) 4-Chlorophenyl-phenyle...	15.551	204	387152	21.543	ng/u1	99
63) 4-Nitroaniline	15.587	138	114660m	19.592	ng/u1	
66) 4,6-Dinitro-2-methylph...	15.640	198	130385	18.965	ng/u1	99
67) N-Nitrosodiphenylamine	15.769	169	613209	21.045	ng/u1	94
68) 4-Bromophenyl-phenylether	16.445	248	247242	20.920	ng/u1	96
69) Hexachlorobenzene	16.557	284	284131	20.809	ng/u1	93
70) Atrazine	16.722	200	240991	20.584	ng/u1	94
71) Pentachlorophenol	16.904	266	169802	19.423	ng/u1	99
72) Phenanthrene	17.298	178	1131392	20.817	ng/u1	100
74) Anthracene	17.387	178	1140615	21.057	ng/u1	98
75) 1,2,3,4-Tetrachloroben...	13.304	216	320105	20.618	ng/uL	97
76) Pentachlorobenzene	14.822	250	323586	20.900	ng/uL	98
77) Carbazole	17.663	167	1005905	21.191	ng/u1	99
78) Di-n-butylphthalate	18.228	149	1253441	12.320	ng/u1	99
80) Fluoranthene	19.316	202	1331373	20.985	ng/u1	99
82) Pyrene	19.681	202	1355964	21.012	ng/u1	99
83) Butylbenzylphthalate	20.581	149	534694	19.867	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.375	252	429247	20.417	ng/u1	98
85) Benzo(a)anthracene	21.439	228	1238727	19.969	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.363	149	921758	23.215	ng/u1	98
87) Chrysene	21.486	228	1179227	20.602	ng/u1	98
89) Di-n-octyl phthalate	22.286	149	1281401	20.986	ng/u1	100
90) Benzo(b)fluoranthene	23.122	252	1144747	20.447	ng/u1	99
91) Benzo(k)fluoranthene	23.174	252	1161518	21.970	ng/u1	97
93) Benzo(a)pyrene	23.745	252	991667	21.054	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.333	276	1155892	20.337	ng/u1	98
95) Dibenzo(a,h)anthracene	26.357	278	937157	19.937	ng/u1	98
96) Benzo(g,h,i)perylene	27.110	276	919196	20.539	ng/u1	98

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

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