

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043022\
 Data File : BN019610.D
 Acq On : 30 Apr 2022 03:07
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020305

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/02/2022
 Supervised By :Yogesh Patel 05/05/2022

Quant Time: Apr 30 05:36:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN042722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 27 13:41:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	150255	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.663	136	611272	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.493	164	349741	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.228	188	705304	20.000	ng/u1	-0.01
79) Chrysene-d12	21.410	240	659955	20.000	ng/u1	#-0.01
88) Perylene-d12	23.763	264	690675	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	33985m	8.536	ng/uL	0.00
4) Pyridine-d5	3.746	84	209151	20.744	ng/u1	0.00
7) Phenol-d5	7.028	99	277830	21.337	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.199	67	162771	21.551	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.405	132	226737	21.953	ng/u1	0.00
15) 4-Methylphenol-d8	8.569	113	216179	21.673	ng/u1	-0.01
21) Nitrobenzene-d5	9.022	128	105821	23.743	ng/u1	0.00
24) 2-Nitrophenol-d4	9.740	143	110951	25.261	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.281	165	199744	22.719	ng/u1	0.00
31) 4-Chloroaniline-d4	10.793	131	305105	22.860	ng/u1	0.00
46) Dimethylphthalate-d6	13.904	166	542853	22.598	ng/u1	0.00
49) Acenaphthylene-d8	14.187	160	738222	22.729	ng/u1	0.00
54) 4-Nitrophenol-d4	14.675	143	112428m	24.065	ng/u1	0.00
60) Fluorene-d10	15.481	176	473677	22.337	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.592	200	73754	20.483	ng/u1	0.00
73) Anthracene-d10	17.328	188	731133	22.012	ng/u1	0.00
81) Pyrene-d10	19.622	212	832080	21.930	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.616	264	780776	22.114	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.375	88	32746	8.064	ng/uL	98
5) Pyridine	3.764	79	223904	21.075	ng/u1	96
6) Benzaldehyde	7.011	77	153970	23.071	ng/u1	94
8) Phenol	7.058	94	283819	21.661	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.293	93	217910	21.434	ng/u1	99
12) 2-Chlorophenol	7.434	128	233648	22.276	ng/u1	99
13) 2-Methylphenol	8.311	108	205755	21.208	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.405	45	328841	22.506	ng/u1	97
16) Acetophenone	8.687	105	334765	22.364	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.675	70	160396	23.024	ng/u1	92
18) 4-Methylphenol	8.634	108	228316	21.980	ng/u1	100
19) Hexachloroethane	8.952	117	94568	22.241	ng/u1	89
22) Nitrobenzene	9.063	77	244150	23.235	ng/u1	93
23) Isophorone	9.587	82	429090	22.896	ng/u1	100
25) 2-Nitrophenol	9.775	139	119900	24.174	ng/u1	98
26) 2,4-Dimethylphenol	9.840	107	245690	22.237	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.075	93	274768	22.296	ng/u1	98
29) 2,4-Dichlorophenol	10.305	162	202197	22.938	ng/u1	97
30) Naphthalene	10.710	128	721623	22.043	ng/u1	99
32) 4-Chloroaniline	10.816	127	307401	22.915	ng/u1	97
33) Hexachlorobutadiene	11.010	225	121557	22.986	ng/u1	95
34) Caprolactam	11.563	113	57530	23.077	ng/u1	96
35) 4-Chloro-3-methylphenol	11.940	107	212593	22.786	ng/u1	96
36) 2-Methylnaphthalene	12.322	142	463984	22.022	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.540	142	474356	22.489	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.693	216	217413	22.404	ng/ul	98
40) Hexachlorocyclopentadiene	12.675	237	117502	19.678	ng/ul	97
41) 2,4,6-Trichlorophenol	12.928	196	141377	23.354	ng/ul	95
42) 2,4,5-Trichlorophenol	12.993	196	156906	23.871	ng/ul	97
43) 1,1'-Biphenyl	13.328	154	600315	21.710	ng/ul	98
44) 2-Chloronaphthalene	13.369	162	468168	22.160	ng/ul	97
45) 2-Nitroaniline	13.563	65	131089	25.857	ng/ul	96
47) Dimethylphthalate	13.946	163	547798	22.963	ng/ul	99
48) 2,6-Dinitrotoluene	14.063	165	108138	26.277	ng/ul	96
50) Acenaphthylene	14.210	152	756167	22.661	ng/ul	100
51) 3-Nitroaniline	14.387	138	87412	20.723	ng/ul	96
52) Acenaphthene	14.557	153	480373	21.996	ng/ul	99
53) 2,4-Dinitrophenol	14.593	184	49127	21.521	ng/ul	97
55) 4-Nitrophenol	14.687	109	92975	25.045	ng/ul	98
56) Dibenzofuran	14.887	168	670915	21.992	ng/ul	97
57) 2,4-Dinitrotoluene	14.845	165	157201	26.270	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.116	232	119146	24.851	ng/ul	99
59) Diethylphthalate	15.316	149	549660	23.426	ng/ul	98
61) Fluorene	15.540	166	536405	22.650	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.534	204	244900	22.871	ng/ul	95
63) 4-Nitroaniline	15.540	138	60474	16.728	ng/ul	93
66) 4,6-Dinitro-2-methylph...	15.604	198	74794	20.423	ng/ul#	92
67) N-Nitrosodiphenylamine	15.745	169	467777	21.615	ng/ul	98
68) 4-Bromophenyl-phenylether	16.422	248	142197	21.461	ng/ul#	87
69) Hexachlorobenzene	16.545	284	162889	21.856	ng/ul#	92
70) Atrazine	16.692	200	150034	21.733	ng/ul	97
71) Pentachlorophenol	16.881	266	98344	21.744	ng/ul	93
72) Phenanthrene	17.269	178	850294	21.573	ng/ul	99
74) Anthracene	17.363	178	851082	21.616	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.293	216	218634	20.109	ng/uL	98
76) Pentachlorobenzene	14.810	250	197260	20.826	ng/uL	95
77) Carbazole	17.628	167	802350	22.416	ng/ul	98
78) Di-n-butylphthalate	18.204	149	915020	23.897	ng/ul	99
80) Fluoranthene	19.286	202	961413	21.496	ng/ul	98
82) Pyrene	19.651	202	1003934	21.549	ng/ul	98
83) Butylbenzylphthalate	20.551	149	420781	24.417	ng/ul#	95
84) 3,3'-Dichlorobenzidine	21.327	252	262133	19.778	ng/ul#	98
85) Benzo(a)anthracene	21.398	228	939712	22.232	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.339	149	650550	24.603	ng/ul#	98
87) Chrysene	21.451	228	913597	22.004	ng/ul	97
89) Di-n-octyl phthalate	22.251	149	1076332	22.764	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	975524m	21.833	ng/ul	
91) Benzo(k)fluoranthene	23.098	252	919349	22.684	ng/ul	96
93) Benzo(a)pyrene	23.657	252	957500	22.566	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.186	276	1063410	21.870	ng/ul	92
95) Dibenzo(a,h)anthracene	26.204	278	919509	22.116	ng/ul	98
96) Benzo(g,h,i)perylene	26.927	276	911981	21.323	ng/ul	93

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

