

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030922\
 Data File : BN018894.D
 Acq On : 09 Mar 2022 20:57
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020296

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/10/2022
 Supervised By :Yogesh Patel 03/11/2022

Quant Time: Mar 10 01:38:47 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030822.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Mar 08 14:15:20 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	143867	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	683145	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.540	164	466772	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.275	188	1027215	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	1113341	20.000	ng/u1	0.00
88) Perylene-d12	23.845	264	1201358	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	27931	7.765	ng/uL	0.00
4) Pyridine-d5	3.687	84	215810	19.607	ng/u1	0.00
7) Phenol-d5	7.058	99	278789	19.849	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	171668	20.292	ng/u1	0.00
11) 2-Chlorophenol-d4	7.434	132	206975	20.562	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	230483	20.181	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	107160	20.421	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	117358	20.356	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	225400	20.439	ng/u1	0.00
31) 4-Chloroaniline-d4	10.840	131	356071	21.442	ng/u1	0.00
46) Dimethylphthalate-d6	13.946	166	731529	20.699	ng/u1	0.00
49) Acenaphthylene-d8	14.234	160	919649	20.906	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	144423	20.179	ng/u1	0.00
60) Fluorene-d10	15.528	176	628329	20.454	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	124275	19.522	ng/u1	0.00
73) Anthracene-d10	17.375	188	1034637	21.058	ng/u1	0.00
81) Pyrene-d10	19.663	212	1233043	20.465	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.692	264	1311808	20.951	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.305	88	29629	7.589	ng/uL	93
5) Pyridine	3.711	79	223362	19.677	ng/u1	96
6) Benzaldehyde	7.028	77	124654	17.427	ng/u1	97
8) Phenol	7.081	94	291502	19.836	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.316	93	228895	20.192	ng/u1	99
12) 2-Chlorophenol	7.464	128	218885	20.507	ng/u1	98
13) 2-Methylphenol	8.340	108	220933	20.138	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.440	45	331519	20.486	ng/u1	99
16) Acetophenone	8.722	105	369312	20.866	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.710	70	189416	20.999	ng/u1	99
18) 4-Methylphenol	8.669	108	246883	20.122	ng/u1	98
19) Hexachloroethane	8.993	117	83808	20.123	ng/u1	98
22) Nitrobenzene	9.105	77	275087	20.200	ng/u1	99
23) Isophorone	9.628	82	525274	20.183	ng/u1	99
25) 2-Nitrophenol	9.816	139	132277	20.644	ng/u1	100
26) 2,4-Dimethylphenol	9.875	107	285226	20.495	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.116	93	327582	19.939	ng/u1	98
29) 2,4-Dichlorophenol	10.352	162	225352	20.084	ng/u1	99
30) Naphthalene	10.763	128	767109	20.377	ng/u1	99
32) 4-Chloroaniline	10.863	127	373289	21.665	ng/u1	98
33) Hexachlorobutadiene	11.057	225	143539	20.362	ng/u1	97
34) Caprolactam	11.604	113	77500m	18.993	ng/u1	
35) 4-Chloro-3-methylphenol	11.987	107	271432	20.656	ng/u1	99
36) 2-Methylnaphthalene	12.369	142	540441	20.419	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.587	142	558314	20.427	ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.740	216	293806	20.587	ng/ul	99
40) Hexachlorocyclopentadiene	12.728	237	166165	19.818	ng/ul	99
41) 2,4,6-Trichlorophenol	12.975	196	187458	20.320	ng/ul	97
42) 2,4,5-Trichlorophenol	13.046	196	208898	20.500	ng/ul	97
43) 1,1'-Biphenyl	13.375	154	757850	20.657	ng/ul	98
44) 2-Chloronaphthalene	13.416	162	578260	20.467	ng/ul	100
45) 2-Nitroaniline	13.610	65	173465	20.600	ng/ul	98
47) Dimethylphthalate	13.987	163	742889	20.502	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	146248	21.063	ng/ul	96
50) Acenaphthylene	14.257	152	952910	20.713	ng/ul	99
51) 3-Nitroaniline	14.434	138	103321	15.362	ng/ul	95
52) Acenaphthene	14.604	153	613471	20.371	ng/ul	98
53) 2,4-Dinitrophenol	14.640	184	76155	17.156	ng/ul	98
55) 4-Nitrophenol	14.734	109	127175	20.637	ng/ul	97
56) Dibenzofuran	14.934	168	895703	20.590	ng/ul	100
57) 2,4-Dinitrotoluene	14.893	165	223434	21.380	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.163	232	170208	20.308	ng/ul	96
59) Diethylphthalate	15.351	149	742708	20.595	ng/ul	99
61) Fluorene	15.581	166	709473	20.715	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.575	204	353492	20.951	ng/ul	99
63) 4-Nitroaniline	15.587	138	94938m	15.159	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.651	198	130595	20.133	ng/ul#	94
67) N-Nitrosodiphenylamine	15.787	169	625182	20.411	ng/ul	99
68) 4-Bromophenyl-phenylether	16.469	248	213220	20.137	ng/ul	96
69) Hexachlorobenzene	16.592	284	239628	19.737	ng/ul	97
70) Atrazine	16.734	200	233604	20.355	ng/ul	99
71) Pentachlorophenol	16.928	266	142907	18.892	ng/ul	98
72) Phenanthrene	17.316	178	1180782	20.177	ng/ul	99
74) Anthracene	17.410	178	1190641	20.403	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.346	216	315641	19.871	ng/ul	97
76) Pentachlorobenzene	14.863	250	295967	20.593	ng/ul	98
77) Carbazole	17.675	167	1098664	20.851	ng/ul	97
78) Di-n-butylphthalate	18.245	149	1258953	21.260	ng/ul	100
80) Fluoranthene	19.333	202	1456739	20.425	ng/ul	99
82) Pyrene	19.692	202	1513992	20.780	ng/ul	98
83) Butylbenzylphthalate	20.586	149	606130	21.852	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.369	252	458049	18.985	ng/ul	98
85) Benzo(a)anthracene	21.439	228	1528623	20.321	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.369	149	891092	21.349	ng/ul	100
87) Chrysene	21.492	228	1463632	20.092	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	1573164	20.895	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	1663417	20.468	ng/ul	99
91) Benzo(k)fluoranthene	23.163	252	1562434	20.717	ng/ul	99
93) Benzo(a)pyrene	23.739	252	1617138	20.556	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.333	276	1836601	21.076	ng/ul	98
95) Dibenzo(a,h)anthracene	26.345	278	1576286	20.403	ng/ul	98
96) Benzo(g,h,i)perylene	27.092	276	1543461	19.907	ng/ul	98

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

