

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030822\
 Data File : BN018879.D
 Acq On : 08 Mar 2022 20:08
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020293

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/09/2022

Supervised By :Yogesh Patel 03/10/2022

Quant Time: Mar 09 02:18:18 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	130485	20.000	ng/u1	0.00
20) Naphthalene-d8	10.716	136	633397	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.539	164	435961	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.280	188	961904	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	1039355	20.000	ng/u1	0.00
88) Perylene-d12	23.851	264	1149264	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	22360m	6.854	ng/uL	0.00
4) Pyridine-d5	3.693	84	177181	17.749	ng/u1	0.00
7) Phenol-d5	7.058	99	221888	17.418	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	150128	19.565	ng/u1	0.00
11) 2-Chlorophenol-d4	7.434	132	164430	18.011	ng/u1	0.00
15) 4-Methylphenol-d8	8.610	113	185124	17.871	ng/u1	0.00
21) Nitrobenzene-d5	9.063	128	85381	17.549	ng/u1	0.00
24) 2-Nitrophenol-d4	9.793	143	94496	17.678	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	186167	18.207	ng/u1	0.00
31) 4-Chloroaniline-d4	10.840	131	263384	17.106	ng/u1	0.00
46) Dimethylphthalate-d6	13.945	166	611947	18.539	ng/u1	0.00
49) Acenaphthylene-d8	14.234	160	763357	18.579	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	117171	17.528	ng/u1	0.00
60) Fluorene-d10	15.528	176	517761	18.046	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	100409	16.844	ng/u1	0.00
73) Anthracene-d10	17.375	188	832617	18.097	ng/u1	0.00
81) Pyrene-d10	19.669	212	1019489	18.125	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.698	264	1091503	18.223	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	22500	6.354	ng/uL#	88
5) Pyridine	3.711	79	160800	15.618	ng/u1	96
6) Benzaldehyde	7.034	77	141291	21.779	ng/u1	94
8) Phenol	7.087	94	229713	17.235	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.322	93	179827	17.491	ng/u1	98
12) 2-Chlorophenol	7.463	128	173026	17.873	ng/u1	98
13) 2-Methylphenol	8.346	108	173209	17.407	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.434	45	262217	17.865	ng/u1	100
16) Acetophenone	8.722	105	287524	17.911	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.710	70	152234	18.608	ng/u1	100
18) 4-Methylphenol	8.669	108	197911	17.785	ng/u1	99
19) Hexachloroethane	8.993	117	67567	17.887	ng/u1	91
22) Nitrobenzene	9.104	77	218545	17.308	ng/u1	98
23) Isophorone	9.628	82	418905	17.360	ng/u1	99
25) 2-Nitrophenol	9.822	139	105641	17.782	ng/u1	99
26) 2,4-Dimethylphenol	9.881	107	225457	17.473	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.116	93	262779	17.251	ng/u1	99
29) 2,4-Dichlorophenol	10.357	162	181264	17.423	ng/u1	99
30) Naphthalene	10.763	128	612540	17.549	ng/u1	99
32) 4-Chloroaniline	10.863	127	272056	17.029	ng/u1	98
33) Hexachlorobutadiene	11.057	225	114557	17.527	ng/u1	99
34) Caprolactam	11.604	113	61608	16.284	ng/u1	97
35) 4-Chloro-3-methylphenol	11.987	107	215145	17.659	ng/u1	100
36) 2-Methylnaphthalene	12.375	142	444405	18.109	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.592	142	429749	16.958	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.740	216	224204	16.821	ng/ul	99
40) Hexachlorocyclopentadiene	12.728	237	132711	16.947	ng/ul	94
41) 2,4,6-Trichlorophenol	12.975	196	151922	17.632	ng/ul	98
42) 2,4,5-Trichlorophenol	13.045	196	168509	17.705	ng/ul	100
43) 1,1'-Biphenyl	13.381	154	586627	17.120	ng/ul	99
44) 2-Chloronaphthalene	13.422	162	460124	17.437	ng/ul	99
45) 2-Nitroaniline	13.616	65	139611	17.752	ng/ul	95
47) Dimethylphthalate	13.992	163	595569	17.598	ng/ul	100
48) 2,6-Dinitrotoluene	14.104	165	128487	19.813	ng/ul	96
50) Acenaphthylene	14.263	152	784366	18.255	ng/ul	99
51) 3-Nitroaniline	14.434	138	136740	21.768	ng/ul	95
52) Acenaphthene	14.604	153	494837	17.593	ng/ul	97
53) 2,4-Dinitrophenol	14.639	184	62275	15.021	ng/ul	97
55) 4-Nitrophenol	14.734	109	99007	17.201	ng/ul	99
56) Dibenzofuran	14.934	168	723913	17.817	ng/ul	99
57) 2,4-Dinitrotoluene	14.892	165	175008	17.930	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.163	232	147682	18.865	ng/ul	97
59) Diethylphthalate	15.351	149	599571	17.801	ng/ul	99
61) Fluorene	15.586	166	573507	17.928	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.575	204	283088	17.964	ng/ul	97
63) 4-Nitroaniline	15.586	138	141302	24.157	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.657	198	104357	17.181	ng/ul	97
67) N-Nitrosodiphenylamine	15.786	169	518659	18.083	ng/ul	99
68) 4-Bromophenyl-phenylether	16.469	248	171901	17.337	ng/ul	91
69) Hexachlorobenzene	16.592	284	197846	17.402	ng/ul	96
70) Atrazine	16.733	200	180210	16.769	ng/ul	99
71) Pentachlorophenol	16.928	266	106917	15.094	ng/ul	95
72) Phenanthrene	17.322	178	959095	17.502	ng/ul	100
74) Anthracene	17.410	178	965536	17.669	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.345	216	226267	15.212	ng/uL	98
76) Pentachlorobenzene	14.863	250	232838	17.300	ng/uL	98
77) Carbazole	17.675	167	899628	18.233	ng/ul	97
78) Di-n-butylphthalate	18.245	149	987580	17.810	ng/ul	99
80) Fluoranthene	19.333	202	1151499	17.294	ng/ul	99
82) Pyrene	19.698	202	1218357	17.913	ng/ul	99
83) Butylbenzylphthalate	20.592	149	456744	17.639	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.369	252	463337	20.572	ng/ul	93
85) Benzo(a)anthracene	21.439	228	1270222	18.088	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.369	149	708522	18.183	ng/ul	99
87) Chrysene	21.492	228	1188781	17.481	ng/ul	99
89) Di-n-octyl phthalate	22.292	149	1235836	17.159	ng/ul	100
90) Benzo(b)fluoranthene	23.121	252	1367569	17.590	ng/ul	97
91) Benzo(k)fluoranthene	23.168	252	1284166	17.799	ng/ul	98
93) Benzo(a)pyrene	23.745	252	1317363	17.505	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.339	276	1504302	18.045	ng/ul	97
95) Dibenzo(a,h)anthracene	26.351	278	1292974	17.495	ng/ul	98
96) Benzo(g,h,i)perylene	27.092	276	1285574	17.332	ng/ul	99

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

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