

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031522\
 Data File : BN018968.D
 Acq On : 16 Mar 2022 03:56
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020301

Quant Time: Mar 16 05:17:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN031522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 15 15:17:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/16/2022
 Supervised By :Yogesh Patel 03/18/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.892	152	238357	20.000	ng/u1	0.00
20) Naphthalene-d8	10.698	136	1048056	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.527	164	677341	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.268	188	1425028	20.000	ng/u1	0.00
79) Chrysene-d12	21.445	240	1334821	20.000	ng/u1	0.00
88) Perylene-d12	23.833	264	1184133	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.263	96	42668	7.463	ng/uL	0.00
4) Pyridine-d5	3.681	84	279576	18.394	ng/u1	0.00
7) Phenol-d5	7.045	99	388040	18.990	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	247566	19.504	ng/u1	0.00
11) 2-Chlorophenol-d4	7.422	132	306463	19.671	ng/u1	0.00
15) 4-Methylphenol-d8	8.598	113	320099	19.533	ng/u1	0.00
21) Nitrobenzene-d5	9.051	128	152462	19.031	ng/u1	0.00
24) 2-Nitrophenol-d4	9.775	143	174085	19.564	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	314510	19.446	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	429623	19.271	ng/u1	0.00
46) Dimethylphthalate-d6	13.933	166	963548	19.281	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	1210692	19.630	ng/u1	0.00
54) 4-Nitrophenol-d4	14.710	143	174221	18.992	ng/u1	0.00
60) Fluorene-d10	15.516	176	806915	19.300	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.633	200	164174	18.771	ng/u1	0.00
73) Anthracene-d10	17.368	188	1272698	19.271	ng/u1	0.00
81) Pyrene-d10	19.657	212	1441125	17.317	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.680	264	1145186	18.962	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.299	88	41914	7.307	ng/uL	97
5) Pyridine	3.699	79	296348	18.567	ng/u1	100
6) Benzaldehyde	7.022	77	268146m	24.495	ng/u1	
8) Phenol	7.075	94	393795	19.156	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.304	93	320092	19.469	ng/u1	99
12) 2-Chlorophenol	7.451	128	306349	19.213	ng/u1	96
13) 2-Methylphenol	8.334	108	299417	19.415	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.428	45	476453	19.837	ng/u1	100
16) Acetophenone	8.710	105	493658	20.192	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.698	70	258573	19.932	ng/u1	98
18) 4-Methylphenol	8.657	108	330627	19.732	ng/u1	97
19) Hexachloroethane	8.981	117	128953	19.406	ng/u1	96
22) Nitrobenzene	9.092	77	380880	19.276	ng/u1	100
23) Isophorone	9.616	82	722319	19.248	ng/u1	99
25) 2-Nitrophenol	9.810	139	181382	19.627	ng/u1	98
26) 2,4-Dimethylphenol	9.869	107	376762	19.254	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.104	93	444736	19.246	ng/u1	99
29) 2,4-Dichlorophenol	10.345	162	307765	19.318	ng/u1	96
30) Naphthalene	10.751	128	1024533	19.256	ng/u1	99
32) 4-Chloroaniline	10.851	127	432794	19.465	ng/u1	100
33) Hexachlorobutadiene	11.045	225	204927	19.381	ng/u1	99
34) Caprolactam	11.598	113	98964m	18.689	ng/u1	
35) 4-Chloro-3-methylphenol	11.975	107	347827	19.378	ng/u1	98
36) 2-Methylnaphthalene	12.357	142	713238	19.521	ng/u1	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031522\
 Data File : BN018968.D
 Acq On : 16 Mar 2022 03:56
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020301

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/16/2022
 Supervised By :Yogesh Patel 03/18/2022

Quant Time: Mar 16 05:17:19 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN031522.M

Quant Title : SVOA CALIBRATION

QLast Update : Tue Mar 15 15:17:15 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.580	142	721019	19.500	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.733	216	388181	19.356	ng/ul	93
40) Hexachlorocyclopentadiene	12.716	237	217994	18.878	ng/ul	99
41) 2,4,6-Trichlorophenol	12.963	196	240286	18.972	ng/ul	99
42) 2,4,5-Trichlorophenol	13.033	196	270481	19.304	ng/ul	100
43) 1,1'-Biphenyl	13.363	154	977976	19.525	ng/ul	98
44) 2-Chloronaphthalene	13.404	162	747310	19.342	ng/ul	98
45) 2-Nitroaniline	13.604	65	230283	19.630	ng/ul	94
47) Dimethylphthalate	13.980	163	934225	19.134	ng/ul	98
48) 2,6-Dinitrotoluene	14.098	165	194183	20.139	ng/ul	95
50) Acenaphthylene	14.251	152	1195657	19.447	ng/ul	100
51) 3-Nitroaniline	14.422	138	204539	20.589	ng/ul	97
52) Acenaphthene	14.592	153	772522	19.465	ng/ul	99
53) 2,4-Dinitrophenol	14.627	184	127125	20.582	ng/ul	97
55) 4-Nitrophenol	14.727	109	148483	19.232	ng/ul	99
56) Dibenzofuran	14.927	168	1124445	19.615	ng/ul	99
57) 2,4-Dinitrotoluene	14.880	165	280665	19.977	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.151	232	218753	19.364	ng/ul	98
59) Diethylphthalate	15.345	149	953309	19.394	ng/ul	99
61) Fluorene	15.574	166	872321	19.502	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.563	204	434861	19.156	ng/ul	99
63) 4-Nitroaniline	15.580	138	205719m	21.593	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.645	198	162878	18.961	ng/ul	96
67) N-Nitrosodiphenylamine	15.774	169	783883	19.217	ng/ul	100
68) 4-Bromophenyl-phenylether	16.457	248	272643	19.200	ng/ul	95
69) Hexachlorobenzene	16.580	284	309618	19.131	ng/ul	95
70) Atrazine	16.721	200	292552	19.181	ng/ul	99
71) Pentachlorophenol	16.921	266	172545m	17.554	ng/ul	
72) Phenanthrene	17.310	178	1413179	18.901	ng/ul	99
74) Anthracene	17.404	178	1434698	19.149	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.333	216	404539	18.869	ng/ul	98
76) Pentachlorobenzene	14.851	250	377706	19.313	ng/ul	95
77) Carbazole	17.668	167	1288116	19.812	ng/ul	96
78) Di-n-butylphthalate	18.233	149	1576221	19.384	ng/ul	99
80) Fluoranthene	19.321	202	1651597	17.137	ng/ul	100
82) Pyrene	19.686	202	1676682	17.166	ng/ul	97
83) Butylbenzylphthalate	20.580	149	689975	17.722	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.362	252	561393	21.419	ng/ul	98
85) Benzo(a)anthracene	21.433	228	1608070	18.835	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.356	149	1041500	18.628	ng/ul	97
87) Chrysene	21.486	228	1579980	19.128	ng/ul	97
89) Di-n-octyl phthalate	22.280	149	1784419	18.643	ng/ul	100
90) Benzo(b)fluoranthene	23.103	252	1564620	19.891	ng/ul	98
91) Benzo(k)fluoranthene	23.156	252	1405619	19.235	ng/ul	98
93) Benzo(a)pyrene	23.733	252	1375446	18.973	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.303	276	1288954	17.222	ng/ul	96
95) Dibenzo(a,h)anthracene	26.327	278	1108614	17.181	ng/ul	97
96) Benzo(g,h,i)perylene	27.068	276	1067531	16.828	ng/ul	99

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

