

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031522\
 Data File : BN018951.D
 Acq On : 15 Mar 2022 17:08
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020300

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/16/2022

Supervised By :Yogesh Patel 03/18/2022

Quant Time: Mar 16 03:33:51 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)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	201950	20.000	ng/u1	0.00
20) Naphthalene-d8	10.698	136	879516	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.528	164	571578	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.269	188	1223290	20.000	ng/u1	0.00
79) Chrysene-d12	21.451	240	1163971	20.000	ng/u1	0.00
88) Perylene-d12	23.839	264	1021806	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	35948	7.421	ng/uL	0.00
4) Pyridine-d5	3.675	84	238162	18.494	ng/u1	0.00
7) Phenol-d5	7.040	99	326119	18.837	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	206329	19.185	ng/u1	0.00
11) 2-Chlorophenol-d4	7.416	132	257288	19.491	ng/u1	0.00
15) 4-Methylphenol-d8	8.593	113	269046	19.377	ng/u1	0.00
21) Nitrobenzene-d5	9.046	128	128344	19.091	ng/u1	0.00
24) 2-Nitrophenol-d4	9.775	143	146265	19.587	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	261717	19.282	ng/u1	0.00
31) 4-Chloroaniline-d4	10.828	131	367019	19.617	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	825642	19.579	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	1025240	19.699	ng/u1	0.00
54) 4-Nitrophenol-d4	14.710	143	153995	19.893	ng/u1	0.00
60) Fluorene-d10	15.522	176	690430	19.570	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	141840	18.892	ng/u1	0.00
73) Anthracene-d10	17.369	188	1098987	19.385	ng/u1	0.00
81) Pyrene-d10	19.663	212	1253155	17.269	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.686	264	1011688	19.413	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	36618	7.535	ng/uL	96
5) Pyridine	3.699	79	255679	18.907	ng/u1	96
6) Benzaldehyde	7.016	77	222503	23.990	ng/u1	99
8) Phenol	7.069	94	331357	19.024	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.305	93	272983	19.597	ng/u1	99
12) 2-Chlorophenol	7.452	128	261599	19.364	ng/u1	97
13) 2-Methylphenol	8.328	108	252497	19.324	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.416	45	396621	19.490	ng/u1	99
16) Acetophenone	8.710	105	419722	20.263	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.699	70	219075	19.932	ng/u1	98
18) 4-Methylphenol	8.657	108	276655	19.487	ng/u1	99
19) Hexachloroethane	8.981	117	107822	19.151	ng/u1	99
22) Nitrobenzene	9.087	77	316784	19.104	ng/u1	98
23) Isophorone	9.616	82	613442	19.479	ng/u1	99
25) 2-Nitrophenol	9.804	139	155382	20.035	ng/u1	99
26) 2,4-Dimethylphenol	9.869	107	320939	19.545	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.104	93	373345	19.253	ng/u1	100
29) 2,4-Dichlorophenol	10.340	162	259200	19.388	ng/u1	99
30) Naphthalene	10.751	128	869431	19.472	ng/u1	100
32) 4-Chloroaniline	10.851	127	367784	19.710	ng/u1	99
33) Hexachlorobutadiene	11.046	225	171243	19.299	ng/u1	98
34) Caprolactam	11.593	113	86395m	19.441	ng/u1	
35) 4-Chloro-3-methylphenol	11.975	107	295179	19.596	ng/u1	98
36) 2-Methylnaphthalene	12.357	142	594768	19.398	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.575	142	609026	19.628	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.728	216	319839	18.899	ng/ul	98
40) Hexachlorocyclopentadiene	12.716	237	174823	17.941	ng/ul	99
41) 2,4,6-Trichlorophenol	12.963	196	209316	19.585	ng/ul	94
42) 2,4,5-Trichlorophenol	13.034	196	234212	19.809	ng/ul	100
43) 1,1'-Biphenyl	13.363	154	824272	19.501	ng/ul	99
44) 2-Chloronaphthalene	13.410	162	635737	19.499	ng/ul	99
45) 2-Nitroaniline	13.604	65	196073	19.807	ng/ul	97
47) Dimethylphthalate	13.981	163	785156	19.056	ng/ul	98
48) 2,6-Dinitrotoluene	14.098	165	162578	19.981	ng/ul	96
50) Acenaphthylene	14.251	152	1023725	19.731	ng/ul	99
51) 3-Nitroaniline	14.422	138	174748	20.845	ng/ul	94
52) Acenaphthene	14.592	153	664292	19.835	ng/ul	98
53) 2,4-Dinitrophenol	14.634	184	110160	21.135	ng/ul	93
55) 4-Nitrophenol	14.728	109	131659	20.208	ng/ul	97
56) Dibenzofuran	14.928	168	951910	19.678	ng/ul	99
57) 2,4-Dinitrotoluene	14.881	165	239159	20.172	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.151	232	189642	19.893	ng/ul	98
59) Diethylphthalate	15.345	149	814993	19.649	ng/ul	99
61) Fluorene	15.575	166	748859	19.840	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.569	204	381688	19.925	ng/ul	99
63) 4-Nitroaniline	15.581	138	179643m	22.345	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.651	198	139979	18.982	ng/ul	99
67) N-Nitrosodiphenylamine	15.781	169	674186	19.254	ng/ul	99
68) 4-Bromophenyl-phenylether	16.463	248	226945	18.618	ng/ul	98
69) Hexachlorobenzene	16.581	284	266928	19.213	ng/ul	96
70) Atrazine	16.722	200	250180	19.108	ng/ul	99
71) Pentachlorophenol	16.922	266	154534	18.314	ng/ul	97
72) Phenanthrene	17.310	178	1228282	19.137	ng/ul	100
74) Anthracene	17.404	178	1228514	19.101	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.334	216	342211	18.595	ng/uL	99
76) Pentachlorobenzene	14.851	250	316189	18.834	ng/uL	98
77) Carbazole	17.669	167	1110288	19.894	ng/ul	97
78) Di-n-butylphthalate	18.239	149	1357597	19.449	ng/ul	99
80) Fluoranthene	19.327	202	1446907	17.217	ng/ul	100
82) Pyrene	19.686	202	1487652	17.467	ng/ul	98
83) Butylbenzylphthalate	20.586	149	606696	17.870	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.363	252	470037	20.566	ng/ul	96
85) Benzo(a)anthracene	21.433	228	1438260	19.319	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.363	149	894575	18.349	ng/ul	99
87) Chrysene	21.486	228	1360363	18.887	ng/ul	99
89) Di-n-octyl phthalate	22.280	149	1559654	18.883	ng/ul	100
90) Benzo(b)fluoranthene	23.110	252	1347279	19.849	ng/ul	100
91) Benzo(k)fluoranthene	23.163	252	1218281	19.320	ng/ul	96
93) Benzo(a)pyrene	23.739	252	1222353	19.540	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.321	276	1136323	17.595	ng/ul	98
95) Dibenzo(a,h)anthracene	26.333	278	941193	16.903	ng/ul	99
96) Benzo(g,h,i)perylene	27.080	276	923237	16.866	ng/ul	98

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

