

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112421\
 Data File : BN017568.D
 Acq On : 23 Nov 2021 16:09
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020271

Quant Time: Nov 23 17:20:22 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN112221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 22 16:16:36 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/23/2021
 Supervised By :mohammad ahmed 11/26/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.846	152	269623	20.000	ng/u1	0.00
20) Naphthalene-d8	10.640	136	1184438	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.475	164	752541	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.222	188	1503725	20.000	ng/u1	0.00
79) Chrysene-d12	21.410	240	1166840	20.000	ng/u1	0.00
88) Perylene-d12	23.774	264	985420	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	51869	6.875	ng/uL	0.00
4) Pyridine-d5	3.705	84	349950	17.677	ng/u1	0.00
7) Phenol-d5	7.005	99	449871	18.328	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.169	67	277645	18.051	ng/u1	0.00
11) 2-Chlorophenol-d4	7.375	132	344090	18.514	ng/u1	0.00
15) 4-Methylphenol-d8	8.546	113	358554	18.571	ng/u1	0.00
21) Nitrobenzene-d5	8.993	128	173238	19.306	ng/u1	0.00
24) 2-Nitrophenol-d4	9.722	143	179088	20.172	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.257	165	335642	19.203	ng/u1	0.00
31) 4-Chloroaniline-d4	10.769	131	492239	19.613	ng/u1	0.00
46) Dimethylphthalate-d6	13.887	166	996971	18.221	ng/u1	0.00
49) Acenaphthylene-d8	14.169	160	1310717	18.658	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	180982	19.547	ng/u1	0.00
60) Fluorene-d10	15.469	176	857772	18.587	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	136041	17.418	ng/u1	0.00
73) Anthracene-d10	17.322	188	1307305	18.705	ng/u1	0.00
81) Pyrene-d10	19.616	212	1426477	19.258	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.621	264	975310	18.826	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	52589	7.060	ng/uL	98
5) Pyridine	3.728	79	357075	17.923	ng/u1	91
6) Benzaldehyde	6.981	77	296344	22.759	ng/u1	93
8) Phenol	7.034	94	454555	18.285	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.263	93	363322	17.824	ng/u1	99
12) 2-Chlorophenol	7.405	128	352995	18.432	ng/u1	95
13) 2-Methylphenol	8.281	108	343481	18.345	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.369	45	486965	17.720	ng/u1	98
16) Acetophenone	8.657	105	555643	19.244	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.652	70	288377	19.163	ng/u1	94
18) 4-Methylphenol	8.610	108	374048	18.648	ng/u1	99
19) Hexachloroethane	8.928	117	147472	18.225	ng/u1	96
22) Nitrobenzene	9.034	77	420346	18.536	ng/u1	95
23) Isophorone	9.563	82	811397	19.116	ng/u1	97
25) 2-Nitrophenol	9.751	139	192806	19.688	ng/u1#	92
26) 2,4-Dimethylphenol	9.816	107	425225	18.776	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.051	93	499721	18.088	ng/u1	99
29) 2,4-Dichlorophenol	10.287	162	333794	18.939	ng/u1	97
30) Naphthalene	10.687	128	1152675	18.190	ng/u1	99
32) 4-Chloroaniline	10.793	127	491936	19.318	ng/u1	99
33) Hexachlorobutadiene	10.987	225	211082	18.208	ng/u1	99
34) Caprolactam	11.534	113	111311m	20.825	ng/u1	
35) 4-Chloro-3-methylphenol	11.922	107	385332	19.433	ng/u1	97
36) 2-Methylnaphthalene	12.298	142	784003	18.538	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.522	142	798948	18.657	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.675	216	393875	17.646	ng/ul	96
40) Hexachlorocyclopentadiene	12.657	237	229504	16.031	ng/ul	98
41) 2,4,6-Trichlorophenol	12.910	196	259824	19.054	ng/ul	99
42) 2,4,5-Trichlorophenol	12.981	196	275509	18.529	ng/ul	98
43) 1,1'-Biphenyl	13.310	154	1059238	17.847	ng/ul	98
44) 2-Chloronaphthalene	13.351	162	802060	17.772	ng/ul	96
45) 2-Nitroaniline	13.545	65	247157	19.787	ng/ul	88
47) Dimethylphthalate	13.934	163	1012692	18.672	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	202192	19.865	ng/ul	88
50) Acenaphthylene	14.198	152	1311766	18.322	ng/ul	100
51) 3-Nitroaniline	14.375	138	221622	20.567	ng/ul	91
52) Acenaphthene	14.539	153	841762	18.235	ng/ul	97
53) 2,4-Dinitrophenol	14.581	184	87363	17.075	ng/ul	97
55) 4-Nitrophenol	14.681	109	156482	19.378	ng/ul	83
56) Dibenzofuran	14.875	168	1180118	17.808	ng/ul	96
57) 2,4-Dinitrotoluene	14.834	165	294285	20.404	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.098	232	216249	19.656	ng/ul	96
59) Diethylphthalate	15.298	149	1029365	18.952	ng/ul	99
61) Fluorene	15.528	166	919297	18.480	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.522	204	445449	18.350	ng/ul	93
63) 4-Nitroaniline	15.534	138	216349	23.812	ng/ul#	86
66) 4,6-Dinitro-2-methylph...	15.598	198	139477	17.788	ng/ul#	90
67) N-Nitrosodiphenylamine	15.733	169	836608	18.457	ng/ul	98
68) 4-Bromophenyl-phenylether	16.416	248	266154	17.926	ng/ul	94
69) Hexachlorobenzene	16.533	284	279433	17.660	ng/ul#	85
70) Atrazine	16.681	200	308171	19.251	ng/ul	97
71) Pentachlorophenol	16.875	266	167434	18.610	ng/ul	99
72) Phenanthrene	17.263	178	1526661	18.607	ng/ul	98
74) Anthracene	17.351	178	1526733	18.765	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.275	216	406016	17.221	ng/ul	95
76) Pentachlorobenzene	14.804	250	373254	17.411	ng/ul	93
77) Carbazole	17.622	167	1386723	19.859	ng/ul	99
78) Di-n-butylphthalate	18.198	149	1723416	20.309	ng/ul	99
80) Fluoranthene	19.280	202	1702052	19.102	ng/ul	100
82) Pyrene	19.645	202	1702080	19.081	ng/ul	98
83) Butylbenzylphthalate	20.551	149	738481	22.677	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.327	252	462695	20.845	ng/ul	99
85) Benzo(a)anthracene	21.392	228	1449994	18.760	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	1063215	22.558	ng/ul#	99
87) Chrysene	21.445	228	1391835	18.326	ng/ul	98
89) Di-n-octyl phthalate	22.251	149	1727715	23.085	ng/ul	100
90) Benzo(b)fluoranthene	23.057	252	1272549	18.676	ng/ul	97
91) Benzo(k)fluoranthene	23.104	252	1140179	17.722	ng/ul	95
93) Benzo(a)pyrene	23.668	252	1172222	18.120	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.215	276	1216523	18.110	ng/ul	100
95) Dibenzo(a,h)anthracene	26.233	278	1016261	17.812	ng/ul	97
96) Benzo(g,h,i)perylene	26.962	276	1010003	17.592	ng/ul	95

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

