

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110221\
 Data File : BN017265.D
 Acq On : 03 Nov 2021 06:37
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020269

Quant Time: Nov 03 10:03:36 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN110221.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 02 15:59:34 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 11/03/2021
 Supervised By :mohammad ahmed 11/08/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.510	152	271545	20.000	ng/u1	0.00
20) Naphthalene-d8	10.281	136	1375591	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.169	164	924475	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.922	188	1936944	20.000	ng/u1	0.00
79) Chrysene-d12	21.139	240	1898433	20.000	ng/u1	0.00
88) Perylene-d12	23.333	264	1824254	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.034	96	50728	7.383	ng/uL	0.00
4) Pyridine-d5	3.428	84	347384	18.121	ng/u1	0.00
7) Phenol-d5	6.699	99	452068	18.036	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.858	67	274269	18.332	ng/u1	0.00
11) 2-Chlorophenol-d4	7.046	132	368810	18.516	ng/u1	0.00
15) 4-Methylphenol-d8	8.228	113	376895	18.238	ng/u1	0.00
21) Nitrobenzene-d5	8.663	128	185223	17.354	ng/u1	0.00
24) 2-Nitrophenol-d4	9.381	143	210174	17.655	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.916	165	380815	17.792	ng/u1	0.00
31) 4-Chloroaniline-d4	10.428	131	558101	17.398	ng/u1	0.00
46) Dimethylphthalate-d6	13.592	166	1134361	16.549	ng/u1	0.00
49) Acenaphthylene-d8	13.857	160	1493250	17.320	ng/u1	0.00
54) 4-Nitrophenol-d4	14.392	143	227468	16.907	ng/u1	0.00
60) Fluorene-d10	15.169	176	994642	17.005	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.298	200	204710	16.522	ng/u1	0.00
73) Anthracene-d10	17.022	188	1591845	17.415	ng/u1	0.00
81) Pyrene-d10	19.328	212	1876206	18.264	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.198	264	2035197	20.650	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.070	88	49204	7.317	ng/uL	94
5) Pyridine	3.446	79	354495	18.152	ng/u1	100
6) Benzaldehyde	6.658	77	236317	18.577	ng/u1	96
8) Phenol	6.722	94	463485	18.250	ng/u1	99
10) Bis(2-Chloroethyl)ether	6.952	93	366812	18.226	ng/u1	99
12) 2-Chlorophenol	7.075	128	377616	18.546	ng/u1	99
13) 2-Methylphenol	7.963	108	354845	18.184	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.052	45	543048	18.222	ng/u1	100
16) Acetophenone	8.328	105	583097	18.758	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.322	70	291774	18.427	ng/u1	99
18) 4-Methylphenol	8.293	108	397690	18.403	ng/u1	100
19) Hexachloroethane	8.569	117	145455	18.288	ng/u1	96
22) Nitrobenzene	8.705	77	412553	17.195	ng/u1	100
23) Isophorone	9.222	82	820133	17.196	ng/u1	100
25) 2-Nitrophenol	9.410	139	227021	17.691	ng/u1	96
26) 2,4-Dimethylphenol	9.487	107	434725	17.263	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.722	93	519933	17.076	ng/u1	99
29) 2,4-Dichlorophenol	9.940	162	370892	17.515	ng/u1	99
30) Naphthalene	10.334	128	1281995	17.342	ng/u1	99
32) 4-Chloroaniline	10.457	127	563624	17.500	ng/u1	99
33) Hexachlorobutadiene	10.622	225	216625	16.750	ng/u1	94
34) Caprolactam	11.204	113	126249m	16.193	ng/u1	
35) 4-Chloro-3-methylphenol	11.598	107	413031	17.392	ng/u1	99
36) 2-Methylnaphthalene	11.957	142	883314	17.222	ng/u1	99

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37) 1-Methylnaphthalene	12.181	142	915612	17.376	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.334	216	452311	17.084	ng/ul	97
40) Hexachlorocyclopentadiene	12.316	237	352363	20.886	ng/ul	99
41) 2,4,6-Trichlorophenol	12.587	196	302938	17.227	ng/ul	98
42) 2,4,5-Trichlorophenol	12.657	196	321475	16.671	ng/ul	96
43) 1,1'-Biphenyl	12.993	154	1193242	17.163	ng/ul	98
44) 2-Chloronaphthalene	13.028	162	899030	16.767	ng/ul	100
45) 2-Nitroaniline	13.245	65	258095	17.297	ng/ul	97
47) Dimethylphthalate	13.640	163	1140884	16.714	ng/ul	99
48) 2,6-Dinitrotoluene	13.757	165	233014	17.398	ng/ul	96
50) Acenaphthylene	13.887	152	1522225	17.174	ng/ul	99
51) 3-Nitroaniline	14.087	138	230103	16.348	ng/ul	96
52) Acenaphthene	14.234	153	973256	16.942	ng/ul	99
53) 2,4-Dinitrophenol	14.292	184	164453	18.847	ng/ul	97
55) 4-Nitrophenol	14.410	109	161531	17.286	ng/ul	94
56) Dibenzofuran	14.569	168	1387512	17.022	ng/ul	99
57) 2,4-Dinitrotoluene	14.551	165	344279	17.373	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	14.804	232	277214	16.927	ng/ul	96
59) Diethylphthalate	15.016	149	1165675	16.840	ng/ul	99
61) Fluorene	15.222	166	1106254	16.990	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.228	204	545278	16.834	ng/ul	98
63) 4-Nitroaniline	15.257	138	240465	17.171	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.316	198	205985	16.747	ng/ul	98
67) N-Nitrosodiphenylamine	15.445	169	1001148	17.464	ng/ul	99
68) 4-Bromophenyl-phenylether	16.122	248	343179	17.130	ng/ul	97
69) Hexachlorobenzene	16.228	284	396446	17.021	ng/ul	96
70) Atrazine	16.410	200	360733	17.142	ng/ul	97
71) Pentachlorophenol	16.575	266	290666	20.293	ng/ul	94
72) Phenanthrene	16.963	178	1812330	17.134	ng/ul	99
74) Anthracene	17.057	178	1864178	17.508	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.951	216	465632	17.160	ng/ul	95
76) Pentachlorobenzene	14.492	250	478829	16.979	ng/ul	99
77) Carbazole	17.333	167	1700475	17.822	ng/ul	98
78) Di-n-butylphthalate	17.916	149	2000960	17.409	ng/ul	99
80) Fluoranthene	18.992	202	2161191	17.866	ng/ul	95
82) Pyrene	19.357	202	2233341	18.026	ng/ul	99
83) Butylbenzylphthalate	20.292	149	945300	18.343	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.063	252	794271	18.178	ng/ul	98
85) Benzo(a)anthracene	21.122	228	2221197	17.843	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.080	149	1472919	18.754	ng/ul	100
87) Chrysene	21.174	228	2167007	17.923	ng/ul	98
89) Di-n-octyl phthalate	21.951	149	2529383	21.042	ng/ul	100
90) Benzo(b)fluoranthene	22.674	252	2429500	19.986	ng/ul	99
91) Benzo(k)fluoranthene	22.721	252	2337766	20.413	ng/ul	98
93) Benzo(a)pyrene	23.239	252	2408016	20.388	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	25.545	276	2778526	19.959	ng/ul	97
95) Dibenzo(a,h)anthracene	25.557	278	2344979	19.872	ng/ul	98
96) Benzo(g,h,i)perylene	26.221	276	2291181	19.450	ng/ul	99

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

