

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060622\
 Data File : BN020021.D
 Acq On : 06 Jun 2022 13:57
 Operator : CG/JU
 Sample : SSTD08021
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD080221

Quant Time: Jun 06 15:02:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 06 14:35:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2022
 Supervised By :mohammad ahmed 06/09/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	154461	20.000	ng/u1	0.00
20) Naphthalene-d8	10.616	136	687116	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.457	164	425237	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.198	188	889520	20.000	ng/u1	0.00
79) Chrysene-d12	21.392	240	695999	20.000	ng/u1	0.01
88) Perylene-d12	23.721	264	614717	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	119591	29.218	ng/uL	0.00
4) Pyridine-d5	3.687	84	826644	79.756	ng/u1	0.00
7) Phenol-d5	6.999	99	1085827	81.120	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.157	67	658457	84.808	ng/u1	0.00
11) 2-Chlorophenol-d4	7.363	132	908055	85.526	ng/u1	0.00
15) 4-Methylphenol-d8	8.540	113	920754	89.795	ng/u1	0.01
21) Nitrobenzene-d5	8.981	128	470332	93.881	ng/u1	0.00
24) 2-Nitrophenol-d4	9.704	143	516193	104.552	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.240	165	830178	84.001	ng/u1	0.00
31) 4-Chloroaniline-d4	10.751	131	1294915	86.312	ng/u1	0.00
46) Dimethylphthalate-d6	13.869	166	2518286	86.221	ng/u1	0.00
49) Acenaphthylene-d8	14.151	160	2907133	73.615	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	528654	93.067	ng/u1	0.02
60) Fluorene-d10	15.451	176	2003278	77.697	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	15.575	200	454109	100.000	ng/u1	0.01
73) Anthracene-d10	17.298	188	2950303	70.429	ng/u1	0.00
81) Pyrene-d10	19.592	212	3223208	80.550	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.580	264	2513476	79.986	ng/u1	0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	124658	29.863	ng/uL	96
5) Pyridine	3.711	79	852349	78.042	ng/u1	94
6) Benzaldehyde	6.963	77	417230	60.817	ng/u1	92
8) Phenol	7.022	94	1139903	84.629	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.252	93	885904	84.767	ng/u1	99
12) 2-Chlorophenol	7.393	128	923818	85.679	ng/u1	98
13) 2-Methylphenol	8.269	108	882168	88.454	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.357	45	1372337	91.366	ng/u1	97
16) Acetophenone	8.646	105	1349569	87.704	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.652	70	685951	95.783	ng/u1	93
18) 4-Methylphenol	8.604	108	957072	89.630	ng/u1	100
19) Hexachloroethane	8.904	117	368875	84.391	ng/u1	90
22) Nitrobenzene	9.022	77	1023495	86.650	ng/u1	96
23) Isophorone	9.557	82	2039758	96.825	ng/u1	99
25) 2-Nitrophenol	9.734	139	538066	96.511	ng/u1	98
26) 2,4-Dimethylphenol	9.799	107	1074374	86.507	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.034	93	1195462	86.297	ng/u1	98
29) 2,4-Dichlorophenol	10.269	162	844025	85.181	ng/u1	98
30) Naphthalene	10.669	128	2808104	76.309	ng/u1	100
32) 4-Chloroaniline	10.781	127	1278949	84.815	ng/u1	99
33) Hexachlorobutadiene	10.963	225	477506	80.327	ng/u1	97
34) Caprolactam	11.563	113	332056m	118.495	ng/u1	
35) 4-Chloro-3-methylphenol	11.910	107	1013060	96.595	ng/u1	98
36) 2-Methylnaphthalene	12.281	142	1897027	80.100	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.498	142	1931682	81.471	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.651	216	866917	73.473	ng/ul	98
40) Hexachlorocyclopentadiene	12.634	237	588233	81.022	ng/ul	100
41) 2,4,6-Trichlorophenol	12.892	196	656954	89.254	ng/ul	98
42) 2,4,5-Trichlorophenol	12.963	196	712190	89.114	ng/ul	98
43) 1,1'-Biphenyl	13.292	154	2474810	73.609	ng/ul	99
44) 2-Chloronaphthalene	13.334	162	1912609	74.457	ng/ul	97
45) 2-Nitroaniline	13.534	65	690746	112.059	ng/ul	96
47) Dimethylphthalate	13.922	163	2483343	85.619	ng/ul	99
48) 2,6-Dinitrotoluene	14.039	165	553770	110.675	ng/ul	96
50) Acenaphthylene	14.181	152	3122920	76.972	ng/ul	99
51) 3-Nitroaniline	14.363	138	534263	104.173	ng/ul	96
52) Acenaphthene	14.522	153	2007029	75.585	ng/ul	99
53) 2,4-Dinitrophenol	14.569	184	369000	132.948	ng/ul	96
55) 4-Nitrophenol	14.681	109	452827	100.322	ng/ul	94
56) Dibenzofuran	14.857	168	2810718	75.776	ng/ul	93
57) 2,4-Dinitrotoluene	14.822	165	791095	108.728	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	15.086	232	555505	95.296	ng/ul	93
59) Diethylphthalate	15.286	149	2586791	90.674	ng/ul	97
61) Fluorene	15.504	166	2014167	69.950	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.498	204	928169	71.293	ng/ul#	88
63) 4-Nitroaniline	15.528	138	458190	104.240	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.592	198	439137	95.077	ng/ul	95
67) N-Nitrosodiphenylamine	15.710	169	1968852	72.137	ng/ul	98
68) 4-Bromophenyl-phenylether	16.392	248	622899	74.541	ng/ul#	88
69) Hexachlorobenzene	16.510	284	701090	74.589	ng/ul#	90
70) Atrazine	16.669	200	736091	84.544	ng/ul	97
71) Pentachlorophenol	16.851	266	478187	83.831	ng/ul	98
72) Phenanthrene	17.239	178	3572792	71.872	ng/ul	99
74) Anthracene	17.333	178	3518517	70.857	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.257	216	934158	68.126	ng/uL	96
76) Pentachlorobenzene	14.781	250	830161	69.495	ng/uL	97
77) Carbazole	17.598	167	3405213	75.432	ng/ul	97
78) Di-n-butylphthalate	18.169	149	4436624	91.874	ng/ul	99
80) Fluoranthene	19.257	202	3945277	83.642	ng/ul	97
82) Pyrene	19.622	202	3898130	79.339	ng/ul	95
83) Butylbenzylphthalate	20.527	149	2047760	112.674	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.304	252	1017632	72.803	ng/ul#	98
85) Benzo(a)anthracene	21.374	228	3478432	78.031	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.310	149	2532537	90.817	ng/ul	100
87) Chrysene	21.427	228	3293116	75.207	ng/ul	98
89) Di-n-octyl phthalate	22.216	149	4791872	113.868	ng/ul	100
90) Benzo(b)fluoranthene	23.021	252	3206651	80.635	ng/ul	95
91) Benzo(k)fluoranthene	23.063	252	3073648	85.210	ng/ul	98
93) Benzo(a)pyrene	23.627	252	2992309	79.236	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.127	276	2986283	69.003	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.139	278	2495596	67.440	ng/ul	96
96) Benzo(g,h,i)perylene	26.862	276	2573373	67.603	ng/ul#	95

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

