

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021622\
 Data File : BN018622.D
 Acq On : 16 Feb 2022 15:25
 Operator : CG/JU
 Sample : SSTD08035
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD080235

Quant Time: Feb 16 16:11:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN021622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 16 15:18:48 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/17/2022
 Supervised By :mohammad ahmed 02/18/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	180243	20.000	ng/u1	0.00
20) Naphthalene-d8	10.728	136	657048	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	368818	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.287	188	719026	20.000	ng/u1	0.00
79) Chrysene-d12	21.469	240	644315	20.000	ng/u1	0.00
88) Perylene-d12	23.869	264	675451	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	149422	36.531	ng/uL	0.00
4) Pyridine-d5	3.705	84	996996	71.926	ng/u1	0.00
7) Phenol-d5	7.069	99	1141006	78.114	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	685185	77.240	ng/u1	0.00
11) 2-Chlorophenol-d4	7.446	132	921476	79.435	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	861504	76.496	ng/u1	0.01
21) Nitrobenzene-d5	9.081	128	426054	86.305	ng/u1	0.00
24) 2-Nitrophenol-d4	9.805	143	471577	88.497	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.346	165	826195	80.609	ng/u1	0.00
31) 4-Chloroaniline-d4	10.852	131	1054630	78.644	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	2091136	79.243	ng/u1	0.00
49) Acenaphthylene-d8	14.245	160	2678285	74.115	ng/u1	0.00
54) 4-Nitrophenol-d4	14.740	143	378963	85.247	ng/u1	0.02
60) Fluorene-d10	15.540	176	1731527	77.598	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.657	200	360157	83.001	ng/u1	0.01
73) Anthracene-d10	17.392	188	2562684	73.023	ng/u1	0.00
81) Pyrene-d10	19.680	212	2812015	89.311	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.716	264	2763887	76.024	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.323	88	161790	30.803	ng/uL	93
5) Pyridine	3.723	79	1016841	74.742	ng/u1	98
6) Benzaldehyde	7.046	77	432511	52.856	ng/u1	94
8) Phenol	7.099	94	1168474	78.950	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.334	93	935061	76.660	ng/u1	98
12) 2-Chlorophenol	7.481	128	956783	80.005	ng/u1	93
13) 2-Methylphenol	8.358	108	858448	78.179	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.452	45	1224875	74.888	ng/u1	99
16) Acetophenone	8.740	105	1300889	76.901	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.740	70	650966	75.629	ng/u1#	91
18) 4-Methylphenol	8.693	108	908101	76.456	ng/u1	100
19) Hexachloroethane	9.010	117	411703	82.144	ng/u1	96
22) Nitrobenzene	9.122	77	1029815	82.601	ng/u1	95
23) Isophorone	9.652	82	1821008	85.278	ng/u1	96
25) 2-Nitrophenol	9.834	139	500243	85.056	ng/u1	95
26) 2,4-Dimethylphenol	9.893	107	991939	79.692	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.134	93	1127186	78.523	ng/u1	99
29) 2,4-Dichlorophenol	10.369	162	823450	77.215	ng/u1	99
30) Naphthalene	10.775	128	2703372	74.666	ng/u1	99
32) 4-Chloroaniline	10.881	127	1087994	78.676	ng/u1	96
33) Hexachlorobutadiene	11.069	225	596560	79.858	ng/u1	98
34) Caprolactam	11.646	113	229162m	82.273	ng/u1	
35) 4-Chloro-3-methylphenol	12.004	107	836779	79.096	ng/u1	99
36) 2-Methylnaphthalene	12.387	142	1758042	76.293	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.604	142	1779278	73.089	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.757	216	948246	71.430	ng/ul	97
40) Hexachlorocyclopentadiene	12.740	237	699562	85.779	ng/ul	98
41) 2,4,6-Trichlorophenol	12.987	196	619958	84.567	ng/ul	99
42) 2,4,5-Trichlorophenol	13.057	196	655880	83.374	ng/ul	94
43) 1,1'-Biphenyl	13.393	154	2274791	72.317	ng/ul	98
44) 2-Chloronaphthalene	13.434	162	1772357	72.897	ng/ul	95
45) 2-Nitroaniline	13.628	65	535064	95.898	ng/ul	91
47) Dimethylphthalate	14.010	163	2092962	80.236	ng/ul	99
48) 2,6-Dinitrotoluene	14.122	165	450174	94.526	ng/ul	99
50) Acenaphthylene	14.275	152	2706763	76.959	ng/ul	99
51) 3-Nitroaniline	14.445	138	404322	85.383	ng/ul	88
52) Acenaphthene	14.616	153	1749815	76.932	ng/ul	98
53) 2,4-Dinitrophenol	14.651	184	268924	88.485	ng/ul	92
55) 4-Nitrophenol	14.751	109	343638	84.768	ng/ul	84
56) Dibenzofuran	14.951	168	2444281	74.297	ng/ul#	87
57) 2,4-Dinitrotoluene	14.904	165	620581	88.282	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.175	232	508222	86.718	ng/ul	92
59) Diethylphthalate	15.369	149	2063504	77.792	ng/ul	99
61) Fluorene	15.598	166	1849371	68.656	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.592	204	953533	68.642	ng/ul	92
63) 4-Nitroaniline	15.610	138	319998	83.505	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.669	198	356972	75.639	ng/ul	97
67) N-Nitrosodiphenylamine	15.798	169	1649244	65.502	ng/ul	97
68) 4-Bromophenyl-phenylether	16.481	248	613007	79.940	ng/ul#	89
69) Hexachlorobenzene	16.604	284	680310	66.289	ng/ul	94
70) Atrazine	16.751	200	635581	72.589	ng/ul	98
71) Pentachlorophenol	16.939	266	424520	72.507	ng/ul	100
72) Phenanthrene	17.334	178	2967792	68.256	ng/ul	99
74) Anthracene	17.428	178	2964510	69.016	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	1027397	69.690	ng/ul	96
76) Pentachlorobenzene	14.875	250	857945	66.477	ng/ul	98
77) Carbazole	17.686	167	2642724	70.394	ng/ul	98
78) Di-n-butylphthalate	18.257	149	3341152	83.405	ng/ul	99
80) Fluoranthene	19.345	202	3412417	90.927	ng/ul	100
82) Pyrene	19.710	202	3354772	81.285	ng/ul	99
83) Butylbenzylphthalate	20.604	149	1475399	144.689	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.380	252	984560	86.447	ng/ul	99
85) Benzo(a)anthracene	21.451	228	3252261	82.212	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	2082446	88.587	ng/ul	95
87) Chrysene	21.510	228	3144536	94.022	ng/ul	98
89) Di-n-octyl phthalate	22.304	149	3735144	78.612	ng/ul	100
90) Benzo(b)fluoranthene	23.139	252	3536459	72.585	ng/ul	99
91) Benzo(k)fluoranthene	23.186	252	3241875	75.186	ng/ul	99
93) Benzo(a)pyrene	23.769	252	3344011	72.684	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.368	276	4089677	78.273	ng/ul	97
95) Dibenzo(a,h)anthracene	26.386	278	3445934	77.847	ng/ul	99
96) Benzo(g,h,i)perylene	27.139	276	3473692	77.982	ng/ul	98

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

