

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021722\
 Data File : BN018630.D
 Acq On : 17 Feb 2022 16:37
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020286

Quant Time: Feb 18 00:23:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN021622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 16 16:48:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/18/2022
 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	234096	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	980132	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	609451	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.286	188	1215341	20.000	ng/u1	0.00
79) Chrysene-d12	21.469	240	998868	20.000	ng/u1	0.00
88) Perylene-d12	23.868	264	908493	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.287	96	52182	8.402	ng/uL	0.00
4) Pyridine-d5	3.705	84	367026	21.858	ng/u1	0.00
7) Phenol-d5	7.063	99	447526	23.179	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.240	67	269573	22.496	ng/u1	0.00
11) 2-Chlorophenol-d4	7.440	132	355052	23.349	ng/u1	0.00
15) 4-Methylphenol-d8	8.616	113	351407	23.834	ng/u1	0.00
21) Nitrobenzene-d5	9.075	128	170675	22.661	ng/u1	0.00
24) 2-Nitrophenol-d4	9.799	143	187676	23.267	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	341847	22.204	ng/u1	0.00
31) 4-Chloroaniline-d4	10.851	131	477417	23.209	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	1012626	22.952	ng/u1	0.00
49) Acenaphthylene-d8	14.245	160	1242953	21.746	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	175393	22.877	ng/u1	0.00
60) Fluorene-d10	15.539	176	841271	22.086	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	161193	22.479	ng/u1	0.00
73) Anthracene-d10	17.386	188	1269759	21.834	ng/u1	0.00
81) Pyrene-d10	19.680	212	1356354	23.199	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.715	264	1054865	22.768	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.322	88	56873	8.666	ng/uL	92
5) Pyridine	3.722	79	382687	22.062	ng/u1	98
6) Benzaldehyde	7.040	77	250619	23.472	ng/u1	96
8) Phenol	7.093	94	464770	23.139	ng/u1	95
10) Bis(2-Chloroethyl)ether	7.328	93	365453	22.495	ng/u1	98
12) 2-Chlorophenol	7.475	128	366015	22.723	ng/u1	93
13) 2-Methylphenol	8.352	108	346100	23.601	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	8.452	45	493977	22.925	ng/u1	99
16) Acetophenone	8.734	105	563227	24.278	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.722	70	283859	24.855	ng/u1#	91
18) 4-Methylphenol	8.681	108	375995	23.811	ng/u1	100
19) Hexachloroethane	9.005	117	152421	22.212	ng/u1	94
22) Nitrobenzene	9.116	77	423492	21.976	ng/u1	96
23) Isophorone	9.640	82	793458	23.568	ng/u1	97
25) 2-Nitrophenol	9.828	139	203805	22.663	ng/u1	94
26) 2,4-Dimethylphenol	9.893	107	422878	22.169	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.128	93	481789	21.871	ng/u1	98
29) 2,4-Dichlorophenol	10.363	162	346454	22.077	ng/u1	97
30) Naphthalene	10.775	128	1151503	21.501	ng/u1	100
32) 4-Chloroaniline	10.875	127	498981	23.435	ng/u1	99
33) Hexachlorobutadiene	11.069	225	235039	20.759	ng/u1	98
34) Caprolactam	11.622	113	104966m	25.406	ng/u1	
35) 4-Chloro-3-methylphenol	11.998	107	375711	23.690	ng/u1	97
36) 2-Methylnaphthalene	12.381	142	784351	22.029	ng/u1	100

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37) 1-Methylnaphthalene	12.604	142	792644	21.987	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.751	216	432559	21.142	ng/ul	94
40) Hexachlorocyclopentadiene	12.740	237	283294	20.109	ng/ul	98
41) 2,4,6-Trichlorophenol	12.987	196	278655	23.245	ng/ul	99
42) 2,4,5-Trichlorophenol	13.051	196	302965	23.139	ng/ul	99
43) 1,1'-Biphenyl	13.387	154	1059335	21.255	ng/ul	98
44) 2-Chloronaphthalene	13.428	162	811821	21.180	ng/ul	94
45) 2-Nitroaniline	13.622	65	236692	24.326	ng/ul	94
47) Dimethylphthalate	14.004	163	1000451	22.189	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	206700	24.569	ng/ul	98
50) Acenaphthylene	14.269	152	1304515	21.793	ng/ul	99
51) 3-Nitroaniline	14.440	138	142052	18.146	ng/ul	90
52) Acenaphthene	14.616	153	837250	21.590	ng/ul	99
53) 2,4-Dinitrophenol	14.645	184	108039	21.934	ng/ul	93
55) 4-Nitrophenol	14.745	109	158178	22.751	ng/ul	84
56) Dibenzofuran	14.945	168	1205178	21.816	ng/ul	92
57) 2,4-Dinitrotoluene	14.904	165	292970	24.103	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.169	232	241003	23.775	ng/ul	89
59) Diethylphthalate	15.363	149	998268	22.856	ng/ul	99
61) Fluorene	15.592	166	934598	21.934	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.586	204	486628	22.294	ng/ul	93
63) 4-Nitroaniline	15.598	138	108486m	16.467	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.663	198	169407	22.906	ng/ul	100
67) N-Nitrosodiphenylamine	15.798	169	829640	22.035	ng/ul	99
68) 4-Bromophenyl-phenylether	16.481	248	295543	22.002	ng/ul	95
69) Hexachlorobenzene	16.598	284	338754	22.372	ng/ul#	93
70) Atrazine	16.745	200	303267	22.664	ng/ul	95
71) Pentachlorophenol	16.939	266	193293	22.685	ng/ul	95
72) Phenanthrene	17.333	178	1475148	21.494	ng/ul	98
74) Anthracene	17.422	178	1498495	21.744	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.357	216	462894	20.325	ng/ul	98
76) Pentachlorobenzene	14.869	250	412148	21.509	ng/ul	99
77) Carbazole	17.686	167	1303360	22.213	ng/ul	98
78) Di-n-butylphthalate	18.257	149	1572628	23.123	ng/ul	100
80) Fluoranthene	19.345	202	1671799	23.946	ng/ul	99
82) Pyrene	19.710	202	1685707	23.484	ng/ul	98
83) Butylbenzylphthalate	20.604	149	629987	25.271	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.380	252	389872	20.821	ng/ul	98
85) Benzo(a)anthracene	21.451	228	1492280	22.479	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	891925	23.822	ng/ul	97
87) Chrysene	21.504	228	1428724	21.747	ng/ul	98
89) Di-n-octyl phthalate	22.304	149	1387692	22.341	ng/ul	100
90) Benzo(b)fluoranthene	23.139	252	1401216	22.880	ng/ul	97
91) Benzo(k)fluoranthene	23.186	252	1280606	22.089	ng/ul	99
93) Benzo(a)pyrene	23.763	252	1309902	22.217	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.362	276	1377837	20.885	ng/ul	97
95) Dibenzo(a,h)anthracene	26.380	278	1183417	20.761	ng/ul	97
96) Benzo(g,h,i)perylene	27.127	276	1184187	21.028	ng/ul	97

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

