

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030922\
 Data File : BN018888.D
 Acq On : 09 Mar 2022 17:21
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020295

Quant Time: Mar 10 01:37:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030822.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Mar 08 14:15:20 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 03/10/2022
 Supervised By :Yogesh Patel 03/11/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	149178	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	699050	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.540	164	474747	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.275	188	1035593	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	1101215	20.000	ng/u1	0.00
88) Perylene-d12	23.851	264	1190968	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.270	96	31045	8.324	ng/uL	0.00
4) Pyridine-d5	3.687	84	231048	20.245	ng/u1	0.00
7) Phenol-d5	7.058	99	295033	20.257	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	183040	20.865	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	219684	21.048	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	240665	20.322	ng/u1	0.00
21) Nitrobenzene-d5	9.058	128	112088	20.874	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	126247	21.399	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	233717	20.711	ng/u1	0.00
31) 4-Chloroaniline-d4	10.840	131	365174	21.490	ng/u1	0.00
46) Dimethylphthalate-d6	13.945	166	759515	21.130	ng/u1	0.00
49) Acenaphthylene-d8	14.234	160	943623	21.091	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	146547	20.132	ng/u1	0.00
60) Fluorene-d10	15.528	176	655289	20.973	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	128584	20.035	ng/u1	0.00
73) Anthracene-d10	17.375	188	1052013	21.239	ng/u1	0.00
81) Pyrene-d10	19.663	212	1292905	21.695	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.698	264	1340740	21.600	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	32569	8.045	ng/uL	96
5) Pyridine	3.711	79	239633	20.359	ng/u1	98
6) Benzaldehyde	7.028	77	117745	15.875	ng/u1	96
8) Phenol	7.081	94	309899	20.337	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.316	93	242052	20.593	ng/u1	98
12) 2-Chlorophenol	7.463	128	227852	20.587	ng/u1	97
13) 2-Methylphenol	8.340	108	227036	19.957	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.434	45	353885	21.089	ng/u1	100
16) Acetophenone	8.722	105	385813	21.022	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.710	70	198343	21.206	ng/u1	99
18) 4-Methylphenol	8.669	108	256554	20.166	ng/u1	98
19) Hexachloroethane	8.993	117	87864	20.346	ng/u1	97
22) Nitrobenzene	9.105	77	288208	20.681	ng/u1	99
23) Isophorone	9.628	82	547705	20.566	ng/u1	99
25) 2-Nitrophenol	9.816	139	136973	20.891	ng/u1	98
26) 2,4-Dimethylphenol	9.875	107	293469	20.608	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.116	93	341081	20.288	ng/u1	98
29) 2,4-Dichlorophenol	10.352	162	236976	20.639	ng/u1	99
30) Naphthalene	10.757	128	794896	20.634	ng/u1	99
32) 4-Chloroaniline	10.863	127	380787	21.597	ng/u1	100
33) Hexachlorobutadiene	11.057	225	149449	20.718	ng/u1	96
34) Caprolactam	11.604	113	81773m	19.584	ng/u1	
35) 4-Chloro-3-methylphenol	11.987	107	276798	20.585	ng/u1	98
36) 2-Methylnaphthalene	12.369	142	562194	20.757	ng/u1	100

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.587	142	581206	20.780	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.740	216	298068	20.535	ng/ul	99
40) Hexachlorocyclopentadiene	12.728	237	170290	19.969	ng/ul	99
41) 2,4,6-Trichlorophenol	12.975	196	189839	20.233	ng/ul	98
42) 2,4,5-Trichlorophenol	13.040	196	212777	20.530	ng/ul	100
43) 1,1'-Biphenyl	13.375	154	770254	20.642	ng/ul	100
44) 2-Chloronaphthalene	13.416	162	595863	20.736	ng/ul	99
45) 2-Nitroaniline	13.610	65	177965	20.780	ng/ul	98
47) Dimethylphthalate	13.993	163	757076	20.543	ng/ul	100
48) 2,6-Dinitrotoluene	14.110	165	150590	21.324	ng/ul	94
50) Acenaphthylene	14.257	152	977344	20.888	ng/ul	100
51) 3-Nitroaniline	14.434	138	111525	16.303	ng/ul	97
52) Acenaphthene	14.604	153	624095	20.375	ng/ul	99
53) 2,4-Dinitrophenol	14.640	184	79141	17.529	ng/ul	95
55) 4-Nitrophenol	14.734	109	127807	20.391	ng/ul	99
56) Dibenzofuran	14.934	168	906197	20.481	ng/ul	100
57) 2,4-Dinitrotoluene	14.893	165	228283	21.477	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.157	232	171566	20.126	ng/ul	97
59) Diethylphthalate	15.351	149	748065	20.395	ng/ul	99
61) Fluorene	15.581	166	722289	20.735	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.575	204	357715	20.846	ng/ul	98
63) 4-Nitroaniline	15.587	138	103886	16.309	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.651	198	131523	20.112	ng/ul#	90
67) N-Nitrosodiphenylamine	15.787	169	644590	20.874	ng/ul	99
68) 4-Bromophenyl-phenylether	16.469	248	213765	20.025	ng/ul	99
69) Hexachlorobenzene	16.592	284	253786	20.735	ng/ul	100
70) Atrazine	16.734	200	239328	20.685	ng/ul	99
71) Pentachlorophenol	16.928	266	142628	18.702	ng/ul	96
72) Phenanthrene	17.322	178	1223058	20.731	ng/ul	100
74) Anthracene	17.410	178	1235429	20.999	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.346	216	312467	19.512	ng/ul	98
76) Pentachlorobenzene	14.863	250	306431	21.148	ng/ul	96
77) Carbazole	17.675	167	1124713	21.172	ng/ul	98
78) Di-n-butylphthalate	18.245	149	1256259	21.043	ng/ul	100
80) Fluoranthene	19.333	202	1485149	21.052	ng/ul	100
82) Pyrene	19.692	202	1538731	21.352	ng/ul	97
83) Butylbenzylphthalate	20.586	149	600237	21.878	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.369	252	462536	19.383	ng/ul	96
85) Benzo(a)anthracene	21.439	228	1560057	20.967	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.369	149	896309	21.710	ng/ul	99
87) Chrysene	21.492	228	1503676	20.870	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	1604977	21.504	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	1724803	21.408	ng/ul	98
91) Benzo(k)fluoranthene	23.169	252	1557962	20.838	ng/ul	99
93) Benzo(a)pyrene	23.745	252	1653777	21.206	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.333	276	1888338	21.859	ng/ul	94
95) Dibenzo(a,h)anthracene	26.351	278	1578997	20.617	ng/ul	98
96) Benzo(g,h,i)perylene	27.092	276	1586133	20.636	ng/ul	98

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

