

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030922\
 Data File : BN018881.D
 Acq On : 09 Mar 2022 10:25
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020294

Quant Time: Mar 09 12:15:46 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 03/09/2022
 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	161511	20.000	ng/u1	0.00
20) Naphthalene-d8	10.710	136	749353	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.539	164	506779	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.275	188	1107796	20.000	ng/u1	0.00
79) Chrysene-d12	21.457	240	1211570	20.000	ng/u1	0.00
88) Perylene-d12	23.845	264	1334370	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	32640	8.083	ng/uL	0.00
4) Pyridine-d5	3.687	84	240814	19.489	ng/u1	0.00
7) Phenol-d5	7.052	99	310876	19.715	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	192686	20.288	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	230456	20.394	ng/u1	0.00
15) 4-Methylphenol-d8	8.604	113	253143	19.743	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	115320	20.035	ng/u1	0.00
24) 2-Nitrophenol-d4	9.787	143	129085	20.412	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.328	165	244164	20.184	ng/u1	0.00
31) 4-Chloroaniline-d4	10.840	131	386883	21.239	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	785252	20.465	ng/u1	0.00
49) Acenaphthylene-d8	14.234	160	996673	20.868	ng/u1	0.00
54) 4-Nitrophenol-d4	14.716	143	153323	19.732	ng/u1	0.00
60) Fluorene-d10	15.528	176	681172	20.424	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.639	200	133860	19.498	ng/u1	0.00
73) Anthracene-d10	17.375	188	1098583	20.733	ng/u1	0.00
81) Pyrene-d10	19.663	212	1317765	20.098	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.686	264	1445795	20.790	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	35233	8.038	ng/uL	97
5) Pyridine	3.711	79	253129	19.863	ng/u1	98
6) Benzaldehyde	7.028	77	140035	17.439	ng/u1	96
8) Phenol	7.081	94	323539	19.611	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.316	93	257132	20.205	ng/u1	99
12) 2-Chlorophenol	7.463	128	239073	19.951	ng/u1	95
13) 2-Methylphenol	8.340	108	243782	19.793	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.434	45	374130	20.593	ng/u1	100
16) Acetophenone	8.722	105	403284	20.296	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.710	70	206843	20.426	ng/u1	99
18) 4-Methylphenol	8.669	108	272189	19.761	ng/u1	99
19) Hexachloroethane	8.993	117	93229	19.940	ng/u1	96
22) Nitrobenzene	9.104	77	301506	20.183	ng/u1	99
23) Isophorone	9.628	82	578131	20.251	ng/u1	99
25) 2-Nitrophenol	9.816	139	143125	20.364	ng/u1	97
26) 2,4-Dimethylphenol	9.875	107	307187	20.123	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.116	93	362500	20.115	ng/u1	99
29) 2,4-Dichlorophenol	10.351	162	248732	20.209	ng/u1	97
30) Naphthalene	10.763	128	832161	20.151	ng/u1	100
32) 4-Chloroaniline	10.863	127	402438	21.293	ng/u1	100
33) Hexachlorobutadiene	11.057	225	154476	19.978	ng/u1	97
34) Caprolactam	11.604	113	85873m	19.186	ng/u1	
35) 4-Chloro-3-methylphenol	11.987	107	294261	20.415	ng/u1	97
36) 2-Methylnaphthalene	12.369	142	592098	20.394	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.587	142	609263	20.321	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.740	216	313402	20.227	ng/ul	98
40) Hexachlorocyclopentadiene	12.728	237	172054	18.900	ng/ul	97
41) 2,4,6-Trichlorophenol	12.975	196	203308	20.298	ng/ul	96
42) 2,4,5-Trichlorophenol	13.040	196	225633	20.394	ng/ul	98
43) 1,1'-Biphenyl	13.375	154	821757	20.631	ng/ul	100
44) 2-Chloronaphthalene	13.416	162	631853	20.598	ng/ul	98
45) 2-Nitroaniline	13.610	65	188582	20.628	ng/ul	99
47) Dimethylphthalate	13.987	163	800578	20.350	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	155251	20.595	ng/ul	100
50) Acenaphthylene	14.257	152	1024501	20.511	ng/ul	99
51) 3-Nitroaniline	14.428	138	109927	15.054	ng/ul	94
52) Acenaphthene	14.604	153	657867	20.121	ng/ul	99
53) 2,4-Dinitrophenol	14.639	184	80850	16.776	ng/ul	97
55) 4-Nitrophenol	14.734	109	135519	20.255	ng/ul	99
56) Dibenzofuran	14.934	168	962248	20.373	ng/ul	98
57) 2,4-Dinitrotoluene	14.892	165	238402	21.012	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.157	232	187646	20.621	ng/ul	98
59) Diethylphthalate	15.351	149	790601	20.192	ng/ul	99
61) Fluorene	15.581	166	776714	20.888	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.575	204	379679	20.727	ng/ul	98
63) 4-Nitroaniline	15.586	138	106560	15.672	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.651	198	140380	20.068	ng/ul	97
67) N-Nitrosodiphenylamine	15.786	169	666143	20.166	ng/ul	98
68) 4-Bromophenyl-phenylether	16.469	248	227707	19.941	ng/ul	98
69) Hexachlorobenzene	16.592	284	257223	19.646	ng/ul	95
70) Atrazine	16.733	200	251903	20.353	ng/ul	99
71) Pentachlorophenol	16.928	266	151653	18.589	ng/ul	97
72) Phenanthrene	17.316	178	1277776	20.247	ng/ul	100
74) Anthracene	17.410	178	1295042	20.578	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.345	216	342333	19.984	ng/ul	97
76) Pentachlorobenzene	14.863	250	308265	19.888	ng/ul	98
77) Carbazole	17.675	167	1194815	21.026	ng/ul	99
78) Di-n-butylphthalate	18.245	149	1341282	21.003	ng/ul	100
80) Fluoranthene	19.327	202	1557009	20.061	ng/ul	99
82) Pyrene	19.692	202	1596628	20.137	ng/ul	97
83) Butylbenzylphthalate	20.586	149	639279	21.179	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.369	252	495281	18.864	ng/ul	98
85) Benzo(a)anthracene	21.439	228	1665233	20.342	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.369	149	974750	21.459	ng/ul	98
87) Chrysene	21.492	228	1601981	20.209	ng/ul	99
89) Di-n-octyl phthalate	22.286	149	1733943	20.735	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	1796821	19.906	ng/ul	98
91) Benzo(k)fluoranthene	23.168	252	1734002	20.700	ng/ul	97
93) Benzo(a)pyrene	23.745	252	1794090	20.532	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.327	276	2041745	21.095	ng/ul	97
95) Dibenzo(a,h)anthracene	26.345	278	1759614	20.506	ng/ul	98
96) Benzo(g,h,i)perylene	27.086	276	1726284	20.045	ng/ul	98

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

