

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
 Data File : BN029756.D
 Acq On : 14 Feb 2024 06:28
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020306

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/15/2024
 Supervised By :mohammad ahmed 02/17/2024

Quant Time: Feb 14 06:56:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 13 22:50:45 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	207256	20.000	ng/u1	0.00
20) Naphthalene-d8	10.669	136	864238	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	461055	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	898006	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	764894	20.000	ng/u1	0.00
88) Perylene-d12	23.833	264	870070	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	45381	7.202	ng/uL	0.00
4) Pyridine-d5	3.734	84	297612	17.711	ng/u1	0.00
7) Phenol-d5	7.040	99	366148	18.887	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	234672	18.138	ng/u1	0.00
11) 2-Chlorophenol-d4	7.399	132	280968	20.001	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	275962	19.088	ng/u1	0.00
21) Nitrobenzene-d5	9.040	128	131833	19.654	ng/u1	0.00
24) 2-Nitrophenol-d4	9.752	143	129805	22.220	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	233875	20.283	ng/u1	0.00
31) 4-Chloroaniline-d4	10.816	131	361336	18.368	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	639906	18.642	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	765945	18.789	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	111673	17.141	ng/u1	0.00
60) Fluorene-d10	15.510	176	543647	18.617	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	76900	17.575	ng/u1	0.00
73) Anthracene-d10	17.363	188	790761	18.789	ng/u1	0.00
81) Pyrene-d10	19.663	212	827438	18.026	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.680	264	843293	19.369	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.358	88	47755	7.317	ng/uL	96
5) Pyridine	3.752	79	312996	18.004	ng/u1	95
6) Benzaldehyde	7.016	77	212009m	24.397	ng/u1	
8) Phenol	7.064	94	376009	18.925	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.305	93	305135	18.264	ng/u1	98
12) 2-Chlorophenol	7.428	128	292466	19.843	ng/u1	99
13) 2-Methylphenol	8.316	108	270950	18.898	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.399	45	403243	18.481	ng/u1	99
16) Acetophenone	8.699	105	438857	19.072	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.687	70	235931	19.860	ng/u1	98
18) 4-Methylphenol	8.646	108	286005	18.878	ng/u1	96
19) Hexachloroethane	8.940	117	129410	18.921	ng/u1	98
22) Nitrobenzene	9.081	77	354999	18.679	ng/u1	99
23) Isophorone	9.605	82	626959	18.939	ng/u1	100
25) 2-Nitrophenol	9.787	139	143878	21.568	ng/u1	99
26) 2,4-Dimethylphenol	9.846	107	303340	18.973	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.093	93	386477	18.370	ng/u1	99
29) 2,4-Dichlorophenol	10.316	162	232969	19.553	ng/u1	99
30) Naphthalene	10.716	128	907927	18.380	ng/u1	100
32) 4-Chloroaniline	10.840	127	361335	18.607	ng/u1	97
33) Hexachlorobutadiene	10.993	225	145198	19.746	ng/u1	93
34) Caprolactam	11.604	113	73329m	18.495	ng/u1	
35) 4-Chloro-3-methylphenol	11.963	107	269056	19.550	ng/u1	95
36) 2-Methylnaphthalene	12.334	142	575272	18.997	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	566690	18.876	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.699	216	257996	18.878	ng/ul	97
40) Hexachlorocyclopentadiene	12.669	237	153843	17.222	ng/ul	98
41) 2,4,6-Trichlorophenol	12.946	196	161609	20.516	ng/ul	98
42) 2,4,5-Trichlorophenol	13.010	196	180143	20.353	ng/ul	97
43) 1,1'-Biphenyl	13.351	154	708831	18.230	ng/ul	98
44) 2-Chloronaphthalene	13.387	162	561996	18.597	ng/ul	99
45) 2-Nitroaniline	13.598	65	173082	19.481	ng/ul	98
47) Dimethylphthalate	13.981	163	664740	18.918	ng/ul	100
48) 2,6-Dinitrotoluene	14.104	165	124774	19.845	ng/ul	98
50) Acenaphthylene	14.234	152	920671	18.819	ng/ul	98
51) 3-Nitroaniline	14.434	138	134164	18.334	ng/ul	96
52) Acenaphthene	14.575	153	591274	18.296	ng/ul	94
53) 2,4-Dinitrophenol	14.640	184	51516	16.145	ng/ul	93
55) 4-Nitrophenol	14.734	109	102186	17.153	ng/ul	99
56) Dibenzofuran	14.910	168	771428	18.077	ng/ul	98
57) 2,4-Dinitrotoluene	14.887	165	176748	19.966	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.140	232	131274	20.898	ng/ul	98
59) Diethylphthalate	15.351	149	670860	18.587	ng/ul	98
61) Fluorene	15.563	166	631692	18.726	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.563	204	293223	19.435	ng/ul	96
63) 4-Nitroaniline	15.592	138	131066	19.844	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.645	198	87471	18.133	ng/ul	99
67) N-Nitrosodiphenylamine	15.781	169	521177	18.624	ng/ul	98
68) 4-Bromophenyl-phenylether	16.463	248	171310	20.155	ng/ul#	82
69) Hexachlorobenzene	16.563	284	184372	19.245	ng/ul	92
70) Atrazine	16.739	200	166369	19.029	ng/ul	98
71) Pentachlorophenol	16.910	266	107863	19.387	ng/ul	96
72) Phenanthrene	17.304	178	950440	18.297	ng/ul	100
74) Anthracene	17.398	178	952182	18.265	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.304	216	247420	18.776	ng/uL	95
76) Pentachlorobenzene	14.828	250	223550	18.946	ng/uL	98
77) Carbazole	17.675	167	860745	18.077	ng/ul	98
78) Di-n-butylphthalate	18.251	149	1111075	19.404	ng/ul	100
80) Fluoranthene	19.328	202	1018542	18.267	ng/ul	99
82) Pyrene	19.692	202	1084843	18.391	ng/ul	96
83) Butylbenzylphthalate	20.616	149	488665	20.327	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.392	252	298819	20.170	ng/ul	93
85) Benzo(a)anthracene	21.451	228	1052940	18.739	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	749877	20.165	ng/ul	100
87) Chrysene	21.504	228	989202	18.785	ng/ul	99
89) Di-n-octyl phthalate	22.327	149	1286994	19.083	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	1053211	19.218	ng/ul	98
91) Benzo(k)fluoranthene	23.163	252	1050729	18.732	ng/ul	96
93) Benzo(a)pyrene	23.727	252	990280	18.842	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.286	276	1156343	18.068	ng/ul	94
95) Dibenzo(a,h)anthracene	26.310	278	970134	18.568	ng/ul	95
96) Benzo(g,h,i)perylene	27.027	276	950891	17.765	ng/ul	95

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

