

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101822\
 Data File : BN022177.D
 Acq On : 18 Oct 2022 14:57
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020349

Quant Time: Oct 19 00:57:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101222.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 13 03:08:08 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/19/2022
 Supervised By :mohammad ahmed 10/19/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	153226	20.000	ng/u1	0.00
20) Naphthalene-d8	10.781	136	811224	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.628	164	536158	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1127498	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	948865	20.000	ng/u1	-0.01
88) Perylene-d12	24.051	264	822053	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	27543	6.813	ng/uL	0.00
4) Pyridine-d5	3.693	84	219360	17.443	ng/u1	0.00
7) Phenol-d5	7.110	99	290884	19.419	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.275	67	175086	18.653	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.475	132	210297	20.248	ng/u1	0.00
15) 4-Methylphenol-d8	8.675	113	242915	20.408	ng/u1	0.00
21) Nitrobenzene-d5	9.134	128	115279	19.380	ng/u1	0.00
24) 2-Nitrophenol-d4	9.857	143	125783	20.631	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.398	165	232673	20.331	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.922	131	357259	19.094	ng/u1	-0.01
46) Dimethylphthalate-d6	14.039	166	693907	18.566	ng/u1	0.00
49) Acenaphthylene-d8	14.322	160	801640	19.207	ng/u1	0.00
54) 4-Nitrophenol-d4	14.833	143	146827	18.405	ng/u1	0.00
60) Fluorene-d10	15.622	176	594131	18.847	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	108140	16.812	ng/u1	0.00
73) Anthracene-d10	17.480	188	903664	18.443	ng/u1	0.00
81) Pyrene-d10	19.786	212	1002408	21.219	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.886	264	742720	18.423	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	28662	6.505	ng/uL	100
5) Pyridine	3.711	79	217087	17.401	ng/u1	97
6) Benzaldehyde	7.081	77	147143	19.891	ng/u1	97
8) Phenol	7.134	94	307879	19.364	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.369	93	240646	19.025	ng/u1	99
12) 2-Chlorophenol	7.504	128	226783	19.775	ng/u1	98
13) 2-Methylphenol	8.404	108	234813	19.753	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.493	45	342201	18.906	ng/u1	98
16) Acetophenone	8.793	105	385207	20.256	ng/u1	95
17) N-Nitroso-di-n-propyla...	8.775	70	210547	20.787	ng/u1	96
18) 4-Methylphenol	8.734	108	270284	20.306	ng/u1	100
19) Hexachloroethane	9.040	117	84677	18.912	ng/u1	99
22) Nitrobenzene	9.175	77	295313	18.801	ng/u1	97
23) Isophorone	9.704	82	601740	19.404	ng/u1	99
25) 2-Nitrophenol	9.893	139	145312	20.195	ng/u1	99
26) 2,4-Dimethylphenol	9.951	107	289610	19.090	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.193	93	357840	18.454	ng/u1	98
29) 2,4-Dichlorophenol	10.428	162	236160	19.787	ng/u1	96
30) Naphthalene	10.834	128	797657	18.355	ng/u1	99
32) 4-Chloroaniline	10.951	127	372415	19.200	ng/u1	97
33) Hexachlorobutadiene	11.110	225	122831	18.756	ng/u1	97
34) Caprolactam	11.734	113	86581m	18.670	ng/u1	
35) 4-Chloro-3-methylphenol	12.075	107	288438	20.045	ng/u1	99
36) 2-Methylnaphthalene	12.451	142	571826	19.054	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.669	142	568868	18.929	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.816	216	266255	19.143	ng/ul	99
40) Hexachlorocyclopentadiene	12.792	237	130375	16.767	ng/ul	96
41) 2,4,6-Trichlorophenol	13.057	196	194593	20.518	ng/ul	98
42) 2,4,5-Trichlorophenol	13.128	196	207146	19.613	ng/ul	94
43) 1,1'-Biphenyl	13.463	154	742079	18.959	ng/ul	99
44) 2-Chloronaphthalene	13.504	162	578420	18.913	ng/ul	97
45) 2-Nitroaniline	13.716	65	194350	20.513	ng/ul	99
47) Dimethylphthalate	14.086	163	742897	18.492	ng/ul	98
48) 2,6-Dinitrotoluene	14.210	165	153859	20.446	ng/ul	94
50) Acenaphthylene	14.351	152	899816	18.879	ng/ul	98
51) 3-Nitroaniline	14.539	138	166237	18.709	ng/ul	100
52) Acenaphthene	14.692	153	622722	18.424	ng/ul	100
53) 2,4-Dinitrophenol	14.745	184	90734	17.799	ng/ul	98
55) 4-Nitrophenol	14.845	109	114831	17.753	ng/ul	97
56) Dibenzofuran	15.028	168	845227	18.326	ng/ul	99
57) 2,4-Dinitrotoluene	14.998	165	221412	20.084	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.251	232	170436	19.390	ng/ul	94
59) Diethylphthalate	15.451	149	750467	18.391	ng/ul	100
61) Fluorene	15.680	166	700849	18.902	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.669	204	321939	18.530	ng/ul	98
63) 4-Nitroaniline	15.704	138	163525	19.724	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.763	198	114322	16.555	ng/ul#	94
67) N-Nitrosodiphenylamine	15.886	169	614396	18.843	ng/ul	98
68) 4-Bromophenyl-phenylether	16.569	248	183026	18.376	ng/ul	95
69) Hexachlorobenzene	16.680	284	224947	18.554	ng/ul	93
70) Atrazine	16.845	200	207626	18.908	ng/ul	98
71) Pentachlorophenol	17.027	266	129278	17.244	ng/ul	88
72) Phenanthrene	17.427	178	1115113	18.334	ng/ul	97
74) Anthracene	17.516	178	1143695	18.931	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.428	216	259767	18.317	ng/uL	91
76) Pentachlorobenzene	14.945	250	288453	18.950	ng/uL	95
77) Carbazole	17.792	167	1043058	18.667	ng/ul	99
78) Di-n-butylphthalate	18.351	149	1325669	19.143	ng/ul	99
80) Fluoranthene	19.451	202	1258328	21.219	ng/ul	99
82) Pyrene	19.810	202	1306545	21.059	ng/ul	99
83) Butylbenzylphthalate	20.710	149	631801	23.472	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.498	252	373758	18.214	ng/ul	96
85) Benzo(a)anthracene	21.568	228	1122584	18.515	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.486	149	931169	23.918	ng/ul	98
87) Chrysene	21.621	228	1067935	18.329	ng/ul	98
89) Di-n-octyl phthalate	22.433	149	1585179	27.217	ng/ul	100
90) Benzo(b)fluoranthene	23.292	252	995789	19.206	ng/ul	100
91) Benzo(k)fluoranthene	23.339	252	967568	18.889	ng/ul	99
93) Benzo(a)pyrene	23.939	252	844113	18.216	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.639	276	902836	15.588	ng/ul	96
95) Dibenzo(a,h)anthracene	26.662	278	822025m	15.864	ng/ul	
96) Benzo(g,h,i)perylene	27.439	276	758759	14.561	ng/ul	96

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

