

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
 Data File : BN029807.D
 Acq On : 15 Feb 2024 14:53
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 87 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020309

Quant Time: Feb 15 15:42:06 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/16/2024
 Supervised By :mohammad ahmed 02/17/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	165233	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	686025	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	372651	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	772303	20.000	ng/u1	0.00
79) Chrysene-d12	21.463	240	671151	20.000	ng/u1	0.00
88) Perylene-d12	23.833	264	783315	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.317	96	33424	6.653	ng/uL	0.00
4) Pyridine-d5	3.728	84	226265	16.889	ng/u1	0.00
7) Phenol-d5	7.040	99	293379	18.983	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	184133	17.852	ng/u1	0.00
11) 2-Chlorophenol-d4	7.399	132	235370	21.016	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	229537	19.914	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	112328	21.097	ng/u1	0.00
24) 2-Nitrophenol-d4	9.752	143	112417	24.242	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	202370	22.110	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	312110	19.987	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	576956	20.796	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	692909	21.030	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	104873	19.916	ng/u1	0.00
60) Fluorene-d10	15.504	176	484582	20.531	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.634	200	74181	19.713	ng/u1	0.00
73) Anthracene-d10	17.363	188	745821	20.606	ng/u1	0.00
81) Pyrene-d10	19.663	212	828941	20.581	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.680	264	780647	19.916	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	36168	6.951	ng/uL	97
5) Pyridine	3.746	79	240293	17.337	ng/u1	98
6) Benzaldehyde	7.016	77	170253	24.575	ng/u1	96
8) Phenol	7.063	94	298899	18.870	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.305	93	245327	18.419	ng/u1	99
12) 2-Chlorophenol	7.428	128	240278	20.449	ng/u1	97
13) 2-Methylphenol	8.316	108	220501	19.291	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.399	45	297061	17.077	ng/u1	96
16) Acetophenone	8.699	105	362736	19.773	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.687	70	193034	20.382	ng/u1	98
18) 4-Methylphenol	8.646	108	236198	19.556	ng/u1	98
19) Hexachloroethane	8.934	117	105418	19.333	ng/u1	95
22) Nitrobenzene	9.075	77	292045	19.358	ng/u1	100
23) Isophorone	9.604	82	525556	20.000	ng/u1	100
25) 2-Nitrophenol	9.787	139	121760	22.993	ng/u1	95
26) 2,4-Dimethylphenol	9.846	107	260786	20.549	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.093	93	312864	18.734	ng/u1	99
29) 2,4-Dichlorophenol	10.316	162	202314	21.391	ng/u1	99
30) Naphthalene	10.716	128	757688	19.323	ng/u1	99
32) 4-Chloroaniline	10.840	127	302761	19.641	ng/u1	99
33) Hexachlorobutadiene	10.993	225	122324	20.956	ng/u1	96
34) Caprolactam	11.610	113	64479	20.488	ng/u1	92
35) 4-Chloro-3-methylphenol	11.963	107	236758	21.673	ng/u1	98
36) 2-Methylnaphthalene	12.328	142	485279	20.189	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	480017	20.143	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.693	216	220612	19.972	ng/ul	99
40) Hexachlorocyclopentadiene	12.669	237	112392	15.566	ng/ul	99
41) 2,4,6-Trichlorophenol	12.945	196	146101	22.948	ng/ul	100
42) 2,4,5-Trichlorophenol	13.010	196	159932	22.356	ng/ul	97
43) 1,1'-Biphenyl	13.345	154	606118	19.286	ng/ul	99
44) 2-Chloronaphthalene	13.387	162	482000	19.734	ng/ul	99
45) 2-Nitroaniline	13.598	65	155849	21.703	ng/ul	97
47) Dimethylphthalate	13.981	163	584203	20.570	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	116615	22.947	ng/ul	99
50) Acenaphthylene	14.234	152	799155	20.210	ng/ul	99
51) 3-Nitroaniline	14.434	138	125257	21.177	ng/ul	92
52) Acenaphthene	14.575	153	517708	19.820	ng/ul	94
53) 2,4-Dinitrophenol	14.640	184	48165	18.676	ng/ul	96
55) 4-Nitrophenol	14.740	109	100133	20.796	ng/ul	97
56) Dibenzofuran	14.910	168	697490	20.221	ng/ul	99
57) 2,4-Dinitrotoluene	14.892	165	171026	23.903	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.139	232	125656	24.749	ng/ul	98
59) Diethylphthalate	15.351	149	630920	21.627	ng/ul	99
61) Fluorene	15.563	166	563091	20.653	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.563	204	263342	21.595	ng/ul	93
63) 4-Nitroaniline	15.592	138	126856	23.763	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.651	198	83239	20.064	ng/ul	96
67) N-Nitrosodiphenylamine	15.781	169	473373	19.669	ng/ul	100
68) 4-Bromophenyl-phenylether	16.463	248	152736	20.894	ng/ul	88
69) Hexachlorobenzene	16.557	284	166696	20.232	ng/ul	94
70) Atrazine	16.739	200	161763	21.514	ng/ul	99
71) Pentachlorophenol	16.910	266	108361	22.646	ng/ul	96
72) Phenanthrene	17.304	178	884529	19.799	ng/ul	99
74) Anthracene	17.398	178	907829	20.248	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	217298	19.174	ng/uL	97
76) Pentachlorobenzene	14.828	250	196444	19.358	ng/uL	99
77) Carbazole	17.675	167	832562	20.331	ng/ul	99
78) Di-n-butylphthalate	18.251	149	1101073	22.359	ng/ul	99
80) Fluoranthene	19.327	202	994483	20.326	ng/ul	97
82) Pyrene	19.692	202	1058217	20.445	ng/ul	93
83) Butylbenzylphthalate	20.610	149	513322	24.335	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.392	252	288576	22.199	ng/ul	94
85) Benzo(a)anthracene	21.451	228	984970	19.978	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.398	149	787416	24.132	ng/ul	99
87) Chrysene	21.504	228	920136	19.914	ng/ul	99
89) Di-n-octyl phthalate	22.321	149	1364018	22.465	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	994943m	20.165	ng/ul	
91) Benzo(k)fluoranthene	23.163	252	963431	19.078	ng/ul	98
93) Benzo(a)pyrene	23.733	252	911701	19.268	ng/ul	94
94) Indeno(1,2,3-cd)pyrene	26.286	276	1080798	18.758	ng/ul	97
95) Dibenzo(a,h)anthracene	26.309	278	873233	18.564	ng/ul	97
96) Benzo(g,h,i)perylene	27.039	276	871593	18.087	ng/ul	95

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

