

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120224\
 Data File : BN035392.D
 Acq On : 02 Dec 2024 20:14
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020347

Quant Time: Dec 02 22:55:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN120224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 02 18:25:21 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/03/2024
 Supervised By :mohammad ahmed 12/05/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.299	152	72895	20.000	ng/u1	0.00
20) Naphthalene-d8	10.051	136	310805	20.000	ng/u1	0.00
38) Acenaphthene-d10	13.963	164	240465	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.728	188	544957	20.000	ng/u1	0.00
79) Chrysene-d12	20.980	240	553993	20.000	ng/u1	0.00
88) Perylene-d12	23.651	264	647070	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.964	96	12777	8.282	ng/uL	0.00
4) Pyridine-d5	3.340	84	88422	21.744	ng/u1	0.00
7) Phenol-d5	6.505	99	107991	20.796	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.663	67	62296	21.511	ng/u1	0.00
11) 2-Chlorophenol-d4	6.846	132	91197	20.724	ng/u1	0.00
15) 4-Methylphenol-d8	8.016	113	95020	20.996	ng/u1	0.00
21) Nitrobenzene-d5	8.440	128	44167	21.873	ng/u1	0.00
24) 2-Nitrophenol-d4	9.151	143	51026	21.832	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.687	165	108541	21.248	ng/u1	0.00
31) 4-Chloroaniline-d4	10.198	131	138665	21.984	ng/u1	0.00
46) Dimethylphthalate-d6	13.392	166	368407	21.337	ng/u1	0.00
49) Acenaphthylene-d8	13.645	160	398183	20.940	ng/u1	0.00
54) 4-Nitrophenol-d4	14.198	143	62372	21.937	ng/u1	0.00
60) Fluorene-d10	14.969	176	310025	20.792	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.104	200	61557	21.418	ng/u1	0.00
73) Anthracene-d10	16.828	188	514932	21.423	ng/u1	0.00
81) Pyrene-d10	19.151	212	604761	20.669	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.468	264	668397	21.332	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.993	88	13255	7.663	ng/uL	96
5) Pyridine	3.358	79	86627	21.244	ng/u1	97
6) Benzaldehyde	6.463	77	72592	25.917	ng/u1	98
8) Phenol	6.528	94	112555	20.927	ng/u1	95
10) Bis(2-Chloroethyl)ether	6.752	93	90703	21.542	ng/u1	99
12) 2-Chlorophenol	6.875	128	94115	20.551	ng/u1	95
13) 2-Methylphenol	7.752	108	87859	21.039	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	7.828	45	69898	21.004	ng/u1	98
16) Acetophenone	8.116	105	155688	21.784	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.110	70	72096	21.218	ng/u1	97
18) 4-Methylphenol	8.081	108	97642	21.043	ng/u1	99
19) Hexachloroethane	8.352	117	39720	20.301	ng/u1	99
22) Nitrobenzene	8.481	77	110701	21.826	ng/u1	99
23) Isophorone	9.004	82	215371	21.190	ng/u1	98
25) 2-Nitrophenol	9.181	139	58104	21.942	ng/u1	97
26) 2,4-Dimethylphenol	9.263	107	112810	21.254	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.499	93	128564	20.765	ng/u1	99
29) 2,4-Dichlorophenol	9.710	162	111424	21.557	ng/u1	95
30) Naphthalene	10.098	128	322207	20.399	ng/u1	99
32) 4-Chloroaniline	10.222	127	132073	21.858	ng/u1	99
33) Hexachlorobutadiene	10.393	225	77008	21.110	ng/u1	99
34) Caprolactam	10.993	113	32046m	21.457	ng/u1	
35) 4-Chloro-3-methylphenol	11.363	107	115755	21.499	ng/u1	99
36) 2-Methylnaphthalene	11.728	142	248442	21.122	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	11.951	142	256567	21.277	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.110	216	148920	21.014	ng/ul	99
40) Hexachlorocyclopentadiene	12.092	237	76661	21.533	ng/ul	91
41) 2,4,6-Trichlorophenol	12.369	196	98399	21.412	ng/ul	97
42) 2,4,5-Trichlorophenol	12.440	196	109142	21.316	ng/ul	98
43) 1,1'-Biphenyl	12.781	154	350735	21.134	ng/ul	96
44) 2-Chloronaphthalene	12.810	162	275650	20.766	ng/ul	97
45) 2-Nitroaniline	13.034	65	60396	23.149	ng/ul	93
47) Dimethylphthalate	13.439	163	364855	21.122	ng/ul	99
48) 2,6-Dinitrotoluene	13.551	165	64389	22.365	ng/ul	93
50) Acenaphthylene	13.675	152	425422	21.049	ng/ul	99
51) 3-Nitroaniline	13.881	138	65699	22.034	ng/ul	98
52) Acenaphthene	14.028	153	297768	20.470	ng/ul	98
53) 2,4-Dinitrophenol	14.092	184	38909	19.348	ng/ul	97
55) 4-Nitrophenol	14.210	109	60874	22.669	ng/ul	95
56) Dibenzofuran	14.369	168	437292	21.142	ng/ul	97
57) 2,4-Dinitrotoluene	14.351	165	103520	22.659	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.604	232	95117	21.325	ng/ul#	98
59) Diethylphthalate	14.834	149	364341	21.582	ng/ul	99
61) Fluorene	15.028	166	345534	20.738	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.034	204	179384	21.070	ng/ul	99
63) 4-Nitroaniline	15.057	138	71712	24.799	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.122	198	66850	21.468	ng/ul#	97
67) N-Nitrosodiphenylamine	15.251	169	306880	21.197	ng/ul	98
68) 4-Bromophenyl-phenylether	15.933	248	115999	21.048	ng/ul	96
69) Hexachlorobenzene	16.033	284	137656	21.042	ng/ul	99
70) Atrazine	16.228	200	119038	23.021	ng/ul	96
71) Pentachlorophenol	16.386	266	91806	22.104	ng/ul	98
72) Phenanthrene	16.769	178	582792	20.771	ng/ul	99
74) Anthracene	16.863	178	595224	21.011	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	12.734	216	151737	21.000	ng/uL	99
76) Pentachlorobenzene	14.287	250	151873	20.418	ng/uL	99
77) Carbazole	17.139	167	538057	22.825	ng/ul	99
78) Di-n-butylphthalate	17.739	149	607662	22.144	ng/ul	99
80) Fluoranthene	18.810	202	712156	20.738	ng/ul	99
82) Pyrene	19.180	202	757918	20.580	ng/ul	98
83) Butylbenzylphthalate	20.133	149	227977	21.963	ng/ul	100
84) 3,3'-Dichlorobenzidine	20.910	252	230429	23.329	ng/ul	98
85) Benzo(a)anthracene	20.963	228	772853	20.780	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	20.939	149	358081	21.879	ng/ul	99
87) Chrysene	21.021	228	742497	20.720	ng/ul	99
89) Di-n-octyl phthalate	21.968	149	608331	20.682	ng/ul	100
90) Benzo(b)fluoranthene	22.821	252	780851	20.936	ng/ul	98
91) Benzo(k)fluoranthene	22.874	252	802968	21.024	ng/ul	99
93) Benzo(a)pyrene	23.527	252	721480	20.611	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.598	276	884905	21.192	ng/ul	99
95) Dibenzo(a,h)anthracene	26.651	278	715912	21.161	ng/ul	99
96) Benzo(g,h,i)perylene	27.503	276	658827	20.788	ng/ul	98

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

