

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012323\
 Data File : BN023767.D
 Acq On : 24 Jan 2023 00:51
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020392

Quant Time: Jan 24 01:32:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010523.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 24 00:35:01 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/25/2023
 Supervised By :Yogesh Patel 01/25/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.887	152	235993	20.000	ng/u1	0.00
20) Naphthalene-d8	10.699	136	924282	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.534	164	612472	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.281	188	1300466	20.000	ng/u1	0.00
79) Chrysene-d12	21.480	240	1206341	20.000	ng/u1	0.00
88) Perylene-d12	23.898	264	1179625	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	45695	8.332	ng/uL	0.00
4) Pyridine-d5	3.693	84	302752	18.400	ng/u1	0.00
7) Phenol-d5	7.052	99	387159	18.511	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.216	67	246736	19.230	ng/u1	0.00
11) 2-Chlorophenol-d4	7.417	132	311389	19.439	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	284218	17.025	ng/u1	0.00
21) Nitrobenzene-d5	9.058	128	140896	20.215	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	147149	19.944	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.316	165	262505	18.653	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.840	131	390146	17.625	ng/u1	0.00
46) Dimethylphthalate-d6	13.951	166	829747	18.212	ng/u1	0.00
49) Acenaphthylene-d8	14.228	160	965171	19.119	ng/u1	0.00
54) 4-Nitrophenol-d4	14.740	143	158945	17.136	ng/u1	0.00
60) Fluorene-d10	15.528	176	701337	18.015	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.651	200	126169	16.083	ng/u1	0.00
73) Anthracene-d10	17.381	188	1068651	18.363	ng/u1	0.00
81) Pyrene-d10	19.675	212	1227085	17.786	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.739	264	1063436	18.230	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	47971	8.286	ng/uL	97
5) Pyridine	3.717	79	302863	17.981	ng/u1	96
6) Benzaldehyde	7.022	77	177133	21.868	ng/u1	96
8) Phenol	7.081	94	402084	18.885	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.311	93	320944	19.078	ng/u1	98
12) 2-Chlorophenol	7.446	128	319683	19.312	ng/u1	99
13) 2-Methylphenol	8.334	108	293994	18.349	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.422	45	435049	19.337	ng/u1	100
16) Acetophenone	8.716	105	440588	17.076	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.705	70	227109	17.481	ng/u1	98
18) 4-Methylphenol	8.663	108	301110	17.065	ng/u1	97
19) Hexachloroethane	8.969	117	122951	18.571	ng/u1	97
22) Nitrobenzene	9.099	77	352625	20.215	ng/u1	98
23) Isophorone	9.628	82	601809	19.076	ng/u1	100
25) 2-Nitrophenol	9.810	139	158507	19.327	ng/u1	99
26) 2,4-Dimethylphenol	9.875	107	318323	19.126	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.110	93	378996	18.521	ng/u1	99
29) 2,4-Dichlorophenol	10.346	162	260256	18.482	ng/u1	97
30) Naphthalene	10.752	128	909776	18.310	ng/u1	98
32) 4-Chloroaniline	10.863	127	391946	17.679	ng/u1	99
33) Hexachlorobutadiene	11.028	225	166621	19.130	ng/u1	98
34) Caprolactam	11.640	113	83809m	17.721	ng/u1	
35) 4-Chloro-3-methylphenol	11.987	107	297502	19.376	ng/u1	99
36) 2-Methylnaphthalene	12.357	142	667184	20.143	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.581	142	674358	19.928	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.728	216	341514	18.853	ng/ul	97
40) Hexachlorocyclopentadiene	12.704	237	215109	18.842	ng/ul	96
41) 2,4,6-Trichlorophenol	12.969	196	227196	19.028	ng/ul	94
42) 2,4,5-Trichlorophenol	13.040	196	248158	19.004	ng/ul	93
43) 1,1'-Biphenyl	13.369	154	876892	18.558	ng/ul	99
44) 2-Chloronaphthalene	13.410	162	682766	18.624	ng/ul	99
45) 2-Nitroaniline	13.622	65	202191	20.000	ng/ul	99
47) Dimethylphthalate	13.999	163	841475	18.380	ng/ul	100
48) 2,6-Dinitrotoluene	14.122	165	164179	18.969	ng/ul	97
50) Acenaphthylene	14.257	152	1074946	19.151	ng/ul	100
51) 3-Nitroaniline	14.446	138	161414	18.611	ng/ul	100
52) Acenaphthene	14.598	153	721355	18.228	ng/ul	99
53) 2,4-Dinitrophenol	14.651	184	70979	12.548	ng/ul	99
55) 4-Nitrophenol	14.751	109	127099	16.968	ng/ul	99
56) Dibenzofuran	14.934	168	990148	17.976	ng/ul	96
57) 2,4-Dinitrotoluene	14.904	165	238634	18.887	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.163	232	202680	18.114	ng/ul	96
59) Diethylphthalate	15.357	149	821707	17.918	ng/ul	99
61) Fluorene	15.587	166	798114	17.893	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.581	204	393228	18.109	ng/ul	95
63) 4-Nitroaniline	15.610	138	147924	18.524	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.663	198	126847	16.384	ng/ul	94
67) N-Nitrosodiphenylamine	15.793	169	684796	18.764	ng/ul	99
68) 4-Bromophenyl-phenylether	16.475	248	233247	17.894	ng/ul	94
69) Hexachlorobenzene	16.587	284	267142	17.488	ng/ul	92
70) Atrazine	16.745	200	244902	17.930	ng/ul	99
71) Pentachlorophenol	16.934	266	157296	16.135	ng/ul	96
72) Phenanthrene	17.328	178	1246314	17.886	ng/ul	99
74) Anthracene	17.416	178	1271210	18.330	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.334	216	336471	19.218	ng/uL	98
76) Pentachlorobenzene	14.851	250	330296	18.833	ng/uL	95
77) Carbazole	17.692	167	1172873	18.626	ng/ul	98
78) Di-n-butylphthalate	18.251	149	1399731	18.723	ng/ul	99
80) Fluoranthene	19.345	202	1466779	18.177	ng/ul	99
82) Pyrene	19.704	202	1527777	17.925	ng/ul	99
83) Butylbenzylphthalate	20.610	149	606738	17.981	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.398	252	483056	18.331	ng/ul	96
85) Benzo(a)anthracene	21.463	228	1442622	17.654	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.386	149	887218	18.109	ng/ul	98
87) Chrysene	21.516	228	1368396	17.860	ng/ul	96
89) Di-n-octyl phthalate	22.316	149	1482654	18.211	ng/ul	100
90) Benzo(b)fluoranthene	23.163	252	1385119	18.434	ng/ul	98
91) Benzo(k)fluoranthene	23.210	252	1392141	18.731	ng/ul	98
93) Benzo(a)pyrene	23.786	252	1185276	18.188	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.421	276	1287989	15.993	ng/ul	98
95) Dibenzo(a,h)anthracene	26.433	278	1058353	15.893	ng/ul	98
96) Benzo(g,h,i)perylene	27.192	276	1000517	15.599	ng/ul	97

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

