

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020924\
 Data File : BN029657.D
 Acq On : 10 Feb 2024 21:13
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020301

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 02/12/2024
 Supervised By :mohammad ahmed 02/13/2024

Quant Time: Feb 11 23:07:24 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Feb 08 00:25:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	306272	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.675	136	1300227	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.522	164	655097	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.269	188	1151184	20.000	ng/u1	-0.01
79) Chrysene-d12	21.475	240	797553	20.000	ng/u1	0.00
88) Perylene-d12	23.845	264	932333	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	63749	6.846	ng/uL	0.00
4) Pyridine-d5	3.734	84	438833	17.672	ng/u1	0.00
7) Phenol-d5	7.046	99	542634	18.942	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.222	67	358561	18.754	ng/u1	0.00
11) 2-Chlorophenol-d4	7.405	132	420445	20.253	ng/u1	-0.01
15) 4-Methylphenol-d8	8.593	113	416209	19.481	ng/u1	0.00
21) Nitrobenzene-d5	9.046	128	200930	19.911	ng/u1	0.00
24) 2-Nitrophenol-d4	9.763	143	188344	21.430	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.299	165	344622	19.865	ng/u1	0.00
31) 4-Chloroaniline-d4	10.822	131	526516	17.790	ng/u1	-0.01
46) Dimethylphthalate-d6	13.940	166	899105	18.435	ng/u1	-0.01
49) Acenaphthylene-d8	14.210	160	1090388	18.825	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.728	143	145781	15.748	ng/u1	0.00
60) Fluorene-d10	15.516	176	746109	17.982	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	100786	17.968	ng/u1	0.00
73) Anthracene-d10	17.369	188	979654	18.158	ng/u1	-0.01
81) Pyrene-d10	19.669	212	973556	20.341	ng/u1	-0.01
92) Benzo(a)pyrene-d12	23.692	264	863783	18.515	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.358	88	67001	6.947	ng/uL	99
5) Pyridine	3.752	79	460522	17.926	ng/u1	96
6) Benzaldehyde	7.022	77	314782	24.513	ng/u1	97
8) Phenol	7.069	94	554092	18.872	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.317	93	466550	18.898	ng/u1	97
12) 2-Chlorophenol	7.440	128	432417	19.854	ng/u1	99
13) 2-Methylphenol	8.322	108	404422	19.088	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.405	45	607422	18.838	ng/u1	99
16) Acetophenone	8.705	105	656824	19.317	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.699	70	355360	20.242	ng/u1	99
18) 4-Methylphenol	8.652	108	432537	19.320	ng/u1	98
19) Hexachloroethane	8.946	117	188374	18.637	ng/u1	97
22) Nitrobenzene	9.087	77	538995	18.851	ng/u1	98
23) Isophorone	9.611	82	945272	18.980	ng/u1	99
25) 2-Nitrophenol	9.793	139	214764	21.398	ng/u1	99
26) 2,4-Dimethylphenol	9.858	107	455566	18.940	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.105	93	584483	18.466	ng/u1	99
29) 2,4-Dichlorophenol	10.322	162	349027	19.471	ng/u1	99
30) Naphthalene	10.728	128	1360588	18.307	ng/u1	99
32) 4-Chloroaniline	10.846	127	516555	17.681	ng/u1	99
33) Hexachlorobutadiene	10.999	225	205207	18.549	ng/u1	96
34) Caprolactam	11.616	113	96131m	16.116	ng/u1	
35) 4-Chloro-3-methylphenol	11.969	107	391341	18.901	ng/u1	99
36) 2-Methylnaphthalene	12.340	142	846845	18.588	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	830024	18.377	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.704	216	364979	18.796	ng/ul	94
40) Hexachlorocyclopentadiene	12.675	237	229876	18.111	ng/ul	98
41) 2,4,6-Trichlorophenol	12.952	196	231510	20.685	ng/ul	99
42) 2,4,5-Trichlorophenol	13.016	196	246579	19.607	ng/ul	99
43) 1,1'-Biphenyl	13.357	154	1036337	18.758	ng/ul	98
44) 2-Chloronaphthalene	13.393	162	807552	18.807	ng/ul	100
45) 2-Nitroaniline	13.610	65	242630	19.220	ng/ul	96
47) Dimethylphthalate	13.993	163	925147	18.530	ng/ul	99
48) 2,6-Dinitrotoluene	14.116	165	176851	19.796	ng/ul	97
50) Acenaphthylene	14.240	152	1295588	18.638	ng/ul	99
51) 3-Nitroaniline	14.440	138	180178	17.329	ng/ul	98
52) Acenaphthene	14.587	153	838479	18.260	ng/ul	96
53) 2,4-Dinitrophenol	14.646	184	77996	17.203	ng/ul	97
55) 4-Nitrophenol	14.740	109	132012	15.596	ng/ul	99
56) Dibenzofuran	14.922	168	1103840	18.204	ng/ul	99
57) 2,4-Dinitrotoluene	14.898	165	236129	18.773	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.146	232	168713	18.902	ng/ul	88
59) Diethylphthalate	15.357	149	921457	17.968	ng/ul	98
61) Fluorene	15.569	166	858837	17.919	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.575	204	390191	18.201	ng/ul	98
63) 4-Nitroaniline	15.598	138	163086	17.379	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.657	198	111101	17.966	ng/ul	93
67) N-Nitrosodiphenylamine	15.787	169	698897	19.482	ng/ul	96
68) 4-Bromophenyl-phenylether	16.469	248	220922	20.275	ng/ul	91
69) Hexachlorobenzene	16.569	284	237533	19.341	ng/ul	96
70) Atrazine	16.745	200	201477	17.977	ng/ul	94
71) Pentachlorophenol	16.916	266	144823	20.305	ng/ul	97
72) Phenanthrene	17.316	178	1220561	18.329	ng/ul	99
74) Anthracene	17.404	178	1221374	18.276	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.316	216	350446	20.745	ng/ul	96
76) Pentachlorobenzene	14.834	250	317489	20.989	ng/ul	99
77) Carbazole	17.681	167	1069896	17.527	ng/ul	99
78) Di-n-butylphthalate	18.257	149	1360801	18.539	ng/ul	99
80) Fluoranthene	19.334	202	1184469	20.373	ng/ul	99
82) Pyrene	19.698	202	1240121	20.162	ng/ul	99
83) Butylbenzylphthalate	20.622	149	507299	20.238	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.398	252	290005	18.773	ng/ul	99
85) Benzo(a)anthracene	21.457	228	1114179	19.017	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.404	149	752703	19.412	ng/ul	99
87) Chrysene	21.510	228	1051330	19.147	ng/ul	98
89) Di-n-octyl phthalate	22.333	149	1191156	16.482	ng/ul	100
90) Benzo(b)fluoranthene	23.122	252	1063037	18.102	ng/ul	99
91) Benzo(k)fluoranthene	23.169	252	1107612	18.427	ng/ul	97
93) Benzo(a)pyrene	23.739	252	1055918	18.750	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.298	276	1294970	18.883	ng/ul	97
95) Dibenzo(a,h)anthracene	26.327	278	1068823	19.091	ng/ul	98
96) Benzo(g,h,i)perylene	27.051	276	1057051	18.429	ng/ul	97

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