

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031224\
 Data File : BN030366.D
 Acq On : 12 Mar 2024 09:31
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020324

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 03/13/2024
 Supervised By :mohammad ahmed 03/14/2024

Quant Time: Mar 13 00:04:28 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN030824.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Mar 08 13:57:34 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	140351	20.000	ng/u1	0.00
20) Naphthalene-d8	10.587	136	586758	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	366203	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.210	188	702759	20.000	ng/u1	0.00
79) Chrysene-d12	21.439	240	504906	20.000	ng/u1	0.00
88) Perylene-d12	23.792	264	539408	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	31708	7.625	ng/uL	0.00
4) Pyridine-d5	3.675	84	186150	18.750	ng/u1	0.00
7) Phenol-d5	6.963	99	221523	17.789	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.140	67	124091	17.550	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	190758	19.123	ng/u1	0.00
15) 4-Methylphenol-d8	8.505	113	185738	18.924	ng/u1	0.00
21) Nitrobenzene-d5	8.963	128	92983	18.992	ng/u1	0.00
24) 2-Nitrophenol-d4	9.675	143	101401	19.755	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.210	165	181111	19.784	ng/u1	0.00
31) 4-Chloroaniline-d4	10.740	131	258899	19.055	ng/u1	0.00
46) Dimethylphthalate-d6	13.875	166	560094	18.969	ng/u1	0.00
49) Acenaphthylene-d8	14.140	160	630565	18.852	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	90674	17.320	ng/u1	0.00
60) Fluorene-d10	15.451	176	468150	19.328	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.581	200	85279	19.428	ng/u1	0.00
73) Anthracene-d10	17.310	188	650516	19.063	ng/u1	0.00
81) Pyrene-d10	19.622	212	668754	20.857	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.639	264	552433	19.553	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	30215	7.569	ng/uL	96
5) Pyridine	3.693	79	188740	18.687	ng/u1	96
6) Benzaldehyde	6.946	77	130279m	22.447	ng/u1	
8) Phenol	6.987	94	219549	17.718	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.234	93	177836	17.958	ng/u1	99
12) 2-Chlorophenol	7.352	128	194499	18.950	ng/u1	99
13) 2-Methylphenol	8.240	108	173985	18.728	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.322	45	158166	17.566	ng/u1	99
16) Acetophenone	8.622	105	299621	18.993	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.616	70	146618	19.425	ng/u1	96
18) 4-Methylphenol	8.569	108	186753	19.024	ng/u1	94
19) Hexachloroethane	8.857	117	89200	18.707	ng/u1	99
22) Nitrobenzene	9.004	77	234938	18.596	ng/u1	97
23) Isophorone	9.528	82	416516	19.070	ng/u1	98
25) 2-Nitrophenol	9.710	139	106416	19.244	ng/u1	95
26) 2,4-Dimethylphenol	9.769	107	214722	18.812	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.022	93	241607	18.859	ng/u1	98
29) 2,4-Dichlorophenol	10.234	162	181087	19.695	ng/u1	98
30) Naphthalene	10.640	128	636877	19.015	ng/u1	99
32) 4-Chloroaniline	10.763	127	249145	18.853	ng/u1	98
33) Hexachlorobutadiene	10.910	225	123712	19.287	ng/u1	96
34) Caprolactam	11.546	113	51306m	18.739	ng/u1	
35) 4-Chloro-3-methylphenol	11.887	107	213187	20.490	ng/u1	93
36) 2-Methylnaphthalene	12.257	142	437295	20.047	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.481	142	426242	19.765	ng/ul	94
39) 1,2,4,5-Tetrachloroben...	12.628	216	218227	18.871	ng/ul	97
40) Hexachlorocyclopentadiene	12.593	237	170857	19.725	ng/ul#	89
41) 2,4,6-Trichlorophenol	12.875	196	143560	19.567	ng/ul	97
42) 2,4,5-Trichlorophenol	12.940	196	153951	19.202	ng/ul	94
43) 1,1'-Biphenyl	13.281	154	569329	18.421	ng/ul	98
44) 2-Chloronaphthalene	13.322	162	444151	18.503	ng/ul	98
45) 2-Nitroaniline	13.540	65	130012	18.786	ng/ul	95
47) Dimethylphthalate	13.922	163	582579	19.414	ng/ul	99
48) 2,6-Dinitrotoluene	14.045	165	110947	19.145	ng/ul	98
50) Acenaphthylene	14.169	152	720250	18.507	ng/ul	98
51) 3-Nitroaniline	14.375	138	107503	18.932	ng/ul	99
52) Acenaphthene	14.516	153	484945	18.808	ng/ul	98
53) 2,4-Dinitrophenol	14.581	184	67842	20.835	ng/ul	99
55) 4-Nitrophenol	14.675	109	106741	17.985	ng/ul	96
56) Dibenzofuran	14.851	168	650285	18.908	ng/ul	97
57) 2,4-Dinitrotoluene	14.834	165	163627	19.784	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	15.075	232	123217	19.096	ng/ul	95
59) Diethylphthalate	15.298	149	621128	19.366	ng/ul	99
61) Fluorene	15.504	166	532338	18.750	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.510	204	259407	19.085	ng/ul	98
63) 4-Nitroaniline	15.539	138	103972m	19.776	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.598	198	92481	19.526	ng/ul	97
67) N-Nitrosodiphenylamine	15.728	169	443304	19.993	ng/ul	100
68) 4-Bromophenyl-phenylether	16.404	248	155190	20.611	ng/ul	90
69) Hexachlorobenzene	16.504	284	168464	20.431	ng/ul	94
70) Atrazine	16.692	200	148327	19.438	ng/ul	99
71) Pentachlorophenol	16.857	266	97146	17.410	ng/ul	97
72) Phenanthrene	17.251	178	782700	19.097	ng/ul	99
74) Anthracene	17.345	178	797617	19.131	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.240	216	206116	19.647	ng/uL	98
76) Pentachlorobenzene	14.763	250	194417	19.872	ng/uL	98
77) Carbazole	17.622	167	675150	18.235	ng/ul	99
78) Di-n-butylphthalate	18.204	149	975800	18.967	ng/ul	99
80) Fluoranthene	19.286	202	812800	20.687	ng/ul	98
82) Pyrene	19.651	202	862910	21.368	ng/ul	98
83) Butylbenzylphthalate	20.580	149	388988	20.107	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.363	252	204948	18.678	ng/ul	93
85) Benzo(a)anthracene	21.421	228	731136	19.297	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.374	149	571090	19.503	ng/ul	98
87) Chrysene	21.474	228	684391	19.476	ng/ul	98
89) Di-n-octyl phthalate	22.298	149	922443	18.269	ng/ul	100
90) Benzo(b)fluoranthene	23.074	252	703533	19.782	ng/ul	97
91) Benzo(k)fluoranthene	23.127	252	675358	18.386	ng/ul	96
93) Benzo(a)pyrene	23.686	252	638083	18.957	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.209	276	783790	19.580	ng/ul	97
95) Dibenzo(a,h)anthracene	26.239	278	636649	19.509	ng/ul	96
96) Benzo(g,h,i)perylene	26.956	276	644043	19.864	ng/ul	93

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

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