

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040624\
 Data File : BN030724.D
 Acq On : 07 Apr 2024 02:17
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020345

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/08/2024

Supervised By :mohammad ahmed 04/08/2024

Quant Time: Apr 07 13:29:52 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN032824.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Sun Mar 31 12:24:07 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.687	152	179994	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.469	136	858648	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.334	164	609601	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.080	188	1305018	20.000	ng/u1	0.00
79) Chrysene-d12	21.316	240	1349455	20.000	ng/u1	-0.01
88) Perylene-d12	24.251	264	1582295	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	29764	7.753	ng/uL	-0.01
4) Pyridine-d5	3.593	84	222562	19.336	ng/u1	0.00
7) Phenol-d5	6.857	99	295317	20.282	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.028	67	175544	19.519	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.216	132	236294	21.392	ng/u1	-0.01
15) 4-Methylphenol-d8	8.393	113	250511	20.528	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	125642	21.094	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	133757	24.547	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.093	165	257532	21.589	ng/u1	0.00
31) 4-Chloroaniline-d4	10.610	131	395864	20.157	ng/u1	-0.01
46) Dimethylphthalate-d6	13.745	166	833406	20.477	ng/u1	-0.01
49) Acenaphthylene-d8	14.022	160	980602	20.955	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.534	143	166909	21.439	ng/u1	0.00
60) Fluorene-d10	15.328	176	735929	20.663	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.445	200	122204	21.215	ng/u1	0.00
73) Anthracene-d10	17.175	188	1167758	20.768	ng/u1	-0.01
81) Pyrene-d10	19.474	212	1407365	19.398	ng/u1	-0.01
92) Benzo(a)pyrene-d12	24.051	264	1498852	20.558	ng/u1	-0.02
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.222	88	31281	7.607	ng/uL	94
5) Pyridine	3.616	79	222383	19.147	ng/u1	100
6) Benzaldehyde	6.834	77	168626	24.868	ng/u1	97
8) Phenol	6.881	94	304256	20.058	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.122	93	246914	19.962	ng/u1	96
12) 2-Chlorophenol	7.252	128	248934	21.009	ng/u1	95
13) 2-Methylphenol	8.128	108	239570	20.496	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.210	45	328484	18.860	ng/u1	98
16) Acetophenone	8.504	105	401274	20.827	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.493	70	201028	20.716	ng/u1	95
18) 4-Methylphenol	8.452	108	264131	20.186	ng/u1	96
19) Hexachloroethane	8.757	117	101294	20.390	ng/u1	94
22) Nitrobenzene	8.881	77	292758	20.134	ng/u1	98
23) Isophorone	9.404	82	592837	20.444	ng/u1	100
25) 2-Nitrophenol	9.593	139	145875	22.779	ng/u1	97
26) 2,4-Dimethylphenol	9.651	107	297832	20.925	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.893	93	369212	20.026	ng/u1	99
29) 2,4-Dichlorophenol	10.116	162	254194	20.876	ng/u1	97
30) Naphthalene	10.522	128	889117	20.190	ng/u1	99
32) 4-Chloroaniline	10.634	127	385432	20.364	ng/u1	99
33) Hexachlorobutadiene	10.798	225	154438	20.151	ng/u1	96
34) Caprolactam	11.404	113	92940	20.432	ng/u1	96
35) 4-Chloro-3-methylphenol	11.757	107	295570	21.552	ng/u1	99
36) 2-Methylnaphthalene	12.140	142	632232	20.557	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.357	142	637287	20.413	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.504	216	325291	20.677	ng/ul	99
40) Hexachlorocyclopentadiene	12.487	237	175304	19.622	ng/ul	99
41) 2,4,6-Trichlorophenol	12.751	196	217676	22.142	ng/ul	98
42) 2,4,5-Trichlorophenol	12.822	196	240472	21.660	ng/ul	99
43) 1,1'-Biphenyl	13.157	154	833424	20.058	ng/ul	99
44) 2-Chloronaphthalene	13.198	162	669757	20.476	ng/ul	100
45) 2-Nitroaniline	13.410	65	188186	21.619	ng/ul	99
47) Dimethylphthalate	13.792	163	860580	20.469	ng/ul	100
48) 2,6-Dinitrotoluene	13.910	165	171917	22.055	ng/ul	94
50) Acenaphthylene	14.051	152	1121749	20.747	ng/ul	99
51) 3-Nitroaniline	14.239	138	182255	22.028	ng/ul	98
52) Acenaphthene	14.392	153	735472	20.412	ng/ul	97
53) 2,4-Dinitrophenol	14.445	184	69944	19.536	ng/ul	96
55) 4-Nitrophenol	14.551	109	131316	21.290	ng/ul	99
56) Dibenzofuran	14.734	168	1020261	20.370	ng/ul	99
57) 2,4-Dinitrotoluene	14.698	165	258461	22.711	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.957	232	208863	22.652	ng/ul	99
59) Diethylphthalate	15.163	149	899692	21.064	ng/ul	98
61) Fluorene	15.381	166	827867	20.795	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.381	204	408036	20.891	ng/ul	98
63) 4-Nitroaniline	15.410	138	193705	24.082	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.463	198	131882	21.308	ng/ul	94
67) N-Nitrosodiphenylamine	15.598	169	732613	20.614	ng/ul	98
68) 4-Bromophenyl-phenylether	16.275	248	259604	20.949	ng/ul	97
69) Hexachlorobenzene	16.375	284	301185	20.640	ng/ul	97
70) Atrazine	16.551	200	266037	21.597	ng/ul	100
71) Pentachlorophenol	16.728	266	179021	20.808	ng/ul	95
72) Phenanthrene	17.122	178	1372392	20.469	ng/ul	99
74) Anthracene	17.210	178	1437346	21.206	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.122	216	325348	20.293	ng/ul	98
76) Pentachlorobenzene	14.645	250	334941	20.568	ng/ul	93
77) Carbazole	17.486	167	1334787	22.456	ng/ul	99
78) Di-n-butylphthalate	18.057	149	1619509	22.334	ng/ul	100
80) Fluoranthene	19.139	202	1680037	19.480	ng/ul	97
82) Pyrene	19.510	202	1778502	19.526	ng/ul	97
83) Butylbenzylphthalate	20.416	149	774328	22.261	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.227	252	591377	23.850	ng/ul	99
85) Benzo(a)anthracene	21.298	228	1864219	20.700	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.227	149	1156953	22.554	ng/ul	98
87) Chrysene	21.357	228	1731723	20.372	ng/ul	99
89) Di-n-octyl phthalate	22.345	149	2061465	20.573	ng/ul	100
90) Benzo(b)fluoranthene	23.321	252	1899710	20.401	ng/ul	99
91) Benzo(k)fluoranthene	23.386	252	1849497	19.557	ng/ul	99
93) Benzo(a)pyrene	24.115	252	1737848	19.756	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	27.551	276	1994774	20.978	ng/ul	99
95) Dibenzo(a,h)anthracene	27.609	278	1653277m	20.653	ng/ul	
96) Benzo(g,h,i)perylene	28.586	276	1570684	21.040	ng/ul	98

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

