

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
 Data File : BN029790.D
 Acq On : 15 Feb 2024 04:04
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020308

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 02/16/2024

Supervised By :mohammad ahmed 02/17/2024

Quant Time: Feb 15 04:42:25 2024

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

Quant Title : SVOA CALIBRATION

QLast Update : Tue Feb 13 22:50:45 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	171971	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	696831	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	373029	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	794575	20.000	ng/u1	0.00
79) Chrysene-d12	21.469	240	697008	20.000	ng/u1	0.00
88) Perylene-d12	23.839	264	751249	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.323	96	36354	6.953	ng/uL	0.00
4) Pyridine-d5	3.728	84	236317	16.948	ng/u1	0.00
7) Phenol-d5	7.040	99	305887	19.016	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.211	67	193616	18.036	ng/u1	0.00
11) 2-Chlorophenol-d4	7.399	132	244447	20.971	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	237261	19.778	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	116652	21.569	ng/u1	0.00
24) 2-Nitrophenol-d4	9.752	143	115891	24.604	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	205389	22.091	ng/u1	0.00
31) 4-Chloroaniline-d4	10.816	131	319449	20.140	ng/u1	0.00
46) Dimethylphthalate-d6	13.934	166	573531	20.651	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	686829	20.825	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	107767	20.445	ng/u1	0.00
60) Fluorene-d10	15.510	176	485136	20.534	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.640	200	69785	18.025	ng/u1	0.00
73) Anthracene-d10	17.363	188	744425	19.991	ng/u1	0.00
81) Pyrene-d10	19.663	212	832580	19.905	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.680	264	791495	21.055	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	38249	7.063	ng/uL	95
5) Pyridine	3.752	79	250639	17.375	ng/u1	95
6) Benzaldehyde	7.017	77	178944	24.817	ng/u1	99
8) Phenol	7.064	94	313375	19.009	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.305	93	255130	18.404	ng/u1	97
12) 2-Chlorophenol	7.428	128	253424	20.722	ng/u1	99
13) 2-Methylphenol	8.316	108	230200	19.350	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.393	45	317355m	17.529	ng/u1	
16) Acetophenone	8.699	105	375741	19.680	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.687	70	200871	20.378	ng/u1	99
18) 4-Methylphenol	8.646	108	245495	19.529	ng/u1	99
19) Hexachloroethane	8.934	117	110989	19.557	ng/u1	96
22) Nitrobenzene	9.081	77	304640	19.880	ng/u1	99
23) Isophorone	9.605	82	543485	20.361	ng/u1	99
25) 2-Nitrophenol	9.787	139	127156	23.640	ng/u1	97
26) 2,4-Dimethylphenol	9.846	107	264270	20.500	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.093	93	326523	19.249	ng/u1	100
29) 2,4-Dichlorophenol	10.316	162	205954	21.438	ng/u1	98
30) Naphthalene	10.716	128	774321	19.441	ng/u1	100
32) 4-Chloroaniline	10.840	127	308770	19.720	ng/u1	100
33) Hexachlorobutadiene	10.993	225	123693	20.862	ng/u1	99
34) Caprolactam	11.610	113	66621	20.840	ng/u1	94
35) 4-Chloro-3-methylphenol	11.963	107	240725	21.694	ng/u1	98
36) 2-Methylnaphthalene	12.328	142	487979	19.986	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.552	142	483824	19.988	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.699	216	229655	20.770	ng/ul	96
40) Hexachlorocyclopentadiene	12.669	237	116362	16.100	ng/ul	98
41) 2,4,6-Trichlorophenol	12.946	196	145620	22.849	ng/ul	97
42) 2,4,5-Trichlorophenol	13.016	196	160302	22.385	ng/ul	99
43) 1,1'-Biphenyl	13.346	154	618200	19.651	ng/ul	98
44) 2-Chloronaphthalene	13.387	162	485875	19.872	ng/ul	100
45) 2-Nitroaniline	13.604	65	158741	22.083	ng/ul	95
47) Dimethylphthalate	13.981	163	585369	20.591	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	117299	23.058	ng/ul	97
50) Acenaphthylene	14.234	152	806179	20.367	ng/ul	99
51) 3-Nitroaniline	14.434	138	128527	21.708	ng/ul	95
52) Acenaphthene	14.575	153	528084	20.196	ng/ul	94
53) 2,4-Dinitrophenol	14.640	184	42479	16.454	ng/ul	97
55) 4-Nitrophenol	14.740	109	101593	21.078	ng/ul	96
56) Dibenzofuran	14.916	168	688654	19.945	ng/ul	98
57) 2,4-Dinitrotoluene	14.893	165	166390	23.232	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.140	232	126347	24.860	ng/ul	98
59) Diethylphthalate	15.351	149	622785	21.326	ng/ul	98
61) Fluorene	15.563	166	572670	20.983	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.563	204	262183	21.478	ng/ul	96
63) 4-Nitroaniline	15.593	138	132298	24.758	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.651	198	78246	18.332	ng/ul	95
67) N-Nitrosodiphenylamine	15.781	169	474612	19.168	ng/ul	99
68) 4-Bromophenyl-phenylether	16.463	248	151027	20.082	ng/ul	94
69) Hexachlorobenzene	16.563	284	173290	20.442	ng/ul	94
70) Atrazine	16.740	200	158683	20.513	ng/ul	94
71) Pentachlorophenol	16.910	266	108435	22.027	ng/ul	96
72) Phenanthrene	17.310	178	885439	19.264	ng/ul	98
74) Anthracene	17.398	178	915634	19.850	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.304	216	214550	18.401	ng/uL	100
76) Pentachlorobenzene	14.828	250	195019	18.679	ng/uL	95
77) Carbazole	17.675	167	832408	19.757	ng/ul	99
78) Di-n-butylphthalate	18.251	149	1090242	21.519	ng/ul	98
80) Fluoranthene	19.328	202	1014876	19.974	ng/ul	97
82) Pyrene	19.692	202	1046292	19.465	ng/ul	95
83) Butylbenzylphthalate	20.616	149	512881	23.412	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.392	252	284829	21.098	ng/ul	94
85) Benzo(a)anthracene	21.451	228	1013148	19.787	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.398	149	796449	23.504	ng/ul	99
87) Chrysene	21.504	228	964674	20.104	ng/ul	98
89) Di-n-octyl phthalate	22.327	149	1392822	23.918	ng/ul	100
90) Benzo(b)fluoranthene	23.116	252	987263	20.864	ng/ul	98
91) Benzo(k)fluoranthene	23.163	252	1000653	20.661	ng/ul	97
93) Benzo(a)pyrene	23.733	252	919800	20.269	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.286	276	1096875	19.850	ng/ul	98
95) Dibenzo(a,h)anthracene	26.310	278	899255	19.934	ng/ul	97
96) Benzo(g,h,i)perylene	27.039	276	903856	19.557	ng/ul	93

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

