

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091124\
 Data File : BN033860.D
 Acq On : 11 Sep 2024 14:10
 Operator : JU/RC
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020314

Manual Integrations

APPROVED

 Reviewed By :Jagrut
 Upadhyay

Quant Time: Sep 11 14:47:12 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN091124.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Sep 11 01:58:59 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.493	152	140803	20.000	ng/u1	0.00
20) Naphthalene-d8	10.257	136	650339	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.140	164	442627	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.892	188	966535	20.000	ng/u1	0.00
79) Chrysene-d12	21.133	240	1020864	20.000	ng/u1	0.00
88) Perylene-d12	23.916	264	1266368	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.111	96	28858	8.363	ng/uL	0.00
4) Pyridine-d5	3.499	84	212624	20.731	ng/u1	0.00
7) Phenol-d5	6.687	99	251634	20.137	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.846	67	158772	20.478	ng/u1	0.00
11) 2-Chlorophenol-d4	7.034	132	199056	20.237	ng/u1	0.00
15) 4-Methylphenol-d8	8.205	113	210484	20.471	ng/u1	0.00
21) Nitrobenzene-d5	8.634	128	102710	19.815	ng/u1	0.00
24) 2-Nitrophenol-d4	9.352	143	102741	19.275	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.887	165	196902	19.615	ng/u1	0.00
31) 4-Chloroaniline-d4	10.399	131	299426	19.702	ng/u1	0.00
46) Dimethylphthalate-d6	13.563	166	648303	19.599	ng/u1	0.00
49) Acenaphthylene-d8	13.828	160	720582	19.364	ng/u1	0.00
54) 4-Nitrophenol-d4	14.363	143	134899	19.871	ng/u1	0.00
60) Fluorene-d10	15.140	176	554359	19.774	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.269	200	102639	17.810	ng/u1	0.00
73) Anthracene-d10	16.992	188	894531	19.685	ng/u1	0.00
81) Pyrene-d10	19.298	212	1067795	18.773	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.721	264	1292935	19.876	ng/u1	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.140	88	30021	8.248	ng/uL	95
5) Pyridine	3.517	79	215934	20.575	ng/u1	99
6) Benzaldehyde	6.652	77	167444	25.385	ng/u1	97
8) Phenol	6.711	94	262568	20.181	ng/u1	97
10) Bis(2-Chloroethyl)ether	6.934	93	205242	20.297	ng/u1	100
12) 2-Chlorophenol	7.064	128	205272	20.363	ng/u1	99
13) 2-Methylphenol	7.940	108	193683	19.917	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.016	45	316089	21.196	ng/u1	100
16) Acetophenone	8.305	105	339631	20.851	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.299	70	170637	21.156	ng/u1	99
18) 4-Methylphenol	8.269	108	223345	20.637	ng/u1	98
19) Hexachloroethane	8.558	117	85696	20.156	ng/u1	97
22) Nitrobenzene	8.675	77	263502	20.310	ng/u1	100
23) Isophorone	9.205	82	477798	19.970	ng/u1	99
25) 2-Nitrophenol	9.381	139	117874	19.759	ng/u1	96
26) 2,4-Dimethylphenol	9.457	107	246400	20.076	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.687	93	289530	19.668	ng/u1	99
29) 2,4-Dichlorophenol	9.910	162	203266	19.998	ng/u1	99
30) Naphthalene	10.305	128	694760	19.531	ng/u1	99
32) 4-Chloroaniline	10.422	127	295200	19.711	ng/u1	99
33) Hexachlorobutadiene	10.599	225	125823	19.295	ng/u1	97
34) Caprolactam	11.193	113	73218m	18.093	ng/u1	
35) 4-Chloro-3-methylphenol	11.557	107	239765	20.037	ng/u1	96
36) 2-Methylnaphthalene	11.928	142	484542	19.775	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.151	142	488235	19.684	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.304	216	242267	18.959	ng/ul	99
40) Hexachlorocyclopentadiene	12.287	237	140567	17.879	ng/ul	99
41) 2,4,6-Trichlorophenol	12.557	196	160294	18.922	ng/ul	96
42) 2,4,5-Trichlorophenol	12.628	196	181578	19.514	ng/ul	97
43) 1,1'-Biphenyl	12.963	154	643944	19.297	ng/ul	97
44) 2-Chloronaphthalene	12.999	162	493155	18.970	ng/ul	97
45) 2-Nitroaniline	13.216	65	166808	19.857	ng/ul	99
47) Dimethylphthalate	13.610	163	657089	19.490	ng/ul	99
48) 2,6-Dinitrotoluene	13.722	165	129712	19.539	ng/ul	95
50) Acenaphthylene	13.857	152	796459	19.559	ng/ul	99
51) 3-Nitroaniline	14.051	138	149753	20.413	ng/ul	98
52) Acenaphthene	14.204	153	560915	19.294	ng/ul	99
53) 2,4-Dinitrophenol	14.257	184	65534	16.784	ng/ul	94
55) 4-Nitrophenol	14.375	109	118154	20.494	ng/ul	91
56) Dibenzofuran	14.545	168	774113	19.472	ng/ul	99
57) 2,4-Dinitrotoluene	14.516	165	198972	19.881	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	14.775	232	151202	19.582	ng/ul	98
59) Diethylphthalate	14.993	149	696863	19.781	ng/ul	100
61) Fluorene	15.198	166	640485	19.695	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.198	204	297242	18.857	ng/ul	94
63) 4-Nitroaniline	15.222	138	164278	21.761	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.281	198	116134	18.148	ng/ul	94
67) N-Nitrosodiphenylamine	15.416	169	549998	18.990	ng/ul	96
68) 4-Bromophenyl-phenylether	16.098	248	189605	19.318	ng/ul	97
69) Hexachlorobenzene	16.198	284	217467	19.090	ng/ul	98
70) Atrazine	16.381	200	203586	19.401	ng/ul	98
71) Pentachlorophenol	16.545	266	139083	18.331	ng/ul	93
72) Phenanthrene	16.934	178	1047192	19.649	ng/ul	99
74) Anthracene	17.028	178	1070532	19.672	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	12.922	216	252039	18.737	ng/uL	98
76) Pentachlorobenzene	14.463	250	258216	18.853	ng/uL	97
77) Carbazole	17.298	167	996054	19.887	ng/ul	99
78) Di-n-butylphthalate	17.886	149	1243180	19.525	ng/ul	100
80) Fluoranthene	18.963	202	1228813	18.480	ng/ul	99
82) Pyrene	19.328	202	1351686	18.909	ng/ul	99
83) Butylbenzylphthalate	20.263	149	581169	18.129	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.051	252	452679	19.741	ng/ul	98
85) Benzo(a)anthracene	21.116	228	1423008	19.550	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.075	149	902979	19.244	ng/ul	98
87) Chrysene	21.169	228	1324519	19.072	ng/ul	97
89) Di-n-octyl phthalate	22.133	149	1530013	18.157	ng/ul	100
90) Benzo(b)fluoranthene	23.039	252	1496733	19.385	ng/ul	100
91) Benzo(k)fluoranthene	23.098	252	1494835	19.626	ng/ul	99
93) Benzo(a)pyrene	23.786	252	1460127	20.019	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	27.004	276	1913416	21.173	ng/ul	98
95) Dibenzo(a,h)anthracene	27.057	278	1520350	20.813	ng/ul	97
96) Benzo(g,h,i)perylene	27.968	276	1492827	21.279	ng/ul	98

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

