

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100224\
 Data File : BN034373.D
 Acq On : 03 Oct 2024 16:31
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020330

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/04/2024

Supervised By :mohammad ahmed 10/05/2024

Quant Time: Oct 03 17:40:04 2024

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

Quant Title : SVOA CALIBRATION

QLast Update : Mon Sep 30 14:14:38 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.381	152	189543	20.000	ng/u1	0.00
20) Naphthalene-d8	10.134	136	724611	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.034	164	423141	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.792	188	839434	20.000	ng/u1	0.00
79) Chrysene-d12	21.033	240	839958	20.000	ng/u1	0.00
88) Perylene-d12	23.745	264	1076222	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.005	96	37390	8.050	ng/uL	0.00
4) Pyridine-d5	3.387	84	231568	16.773	ng/u1	0.00
7) Phenol-d5	6.581	99	277926	16.522	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.740	67	169861	16.275	ng/u1	0.00
11) 2-Chlorophenol-d4	6.922	132	256638	19.381	ng/u1	0.00
15) 4-Methylphenol-d8	8.099	113	218360	15.776	ng/u1	0.00
21) Nitrobenzene-d5	8.522	128	112431	19.467	ng/u1	0.00
24) 2-Nitrophenol-d4	9.234	143	116524	19.620	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.769	165	222051	19.853	ng/u1	0.00
31) 4-Chloroaniline-d4	10.287	131	293385	17.326	ng/u1	0.00
46) Dimethylphthalate-d6	13.463	166	585089	18.502	ng/u1	0.00
49) Acenaphthylene-d8	13.722	160	698734	19.641	ng/u1	0.00
54) 4-Nitrophenol-d4	14.269	143	99146	15.277	ng/u1	0.00
60) Fluorene-d10	15.039	176	501327	18.706	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.175	200	84264	16.836	ng/u1	0.00
73) Anthracene-d10	16.892	188	754457	19.117	ng/u1	0.00
81) Pyrene-d10	19.204	212	873942	18.674	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.557	264	1051430	19.019	ng/u1	0.00
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.034	88	39548	8.071	ng/uL	90
5) Pyridine	3.405	79	239622	16.961	ng/u1	95
6) Benzaldehyde	6.540	77	129542	14.589	ng/u1	95
8) Phenol	6.610	94	279758	15.973	ng/u1	93
10) Bis(2-Chloroethyl)ether	6.828	93	233171	17.130	ng/u1	97
12) 2-Chlorophenol	6.952	128	252890	18.636	ng/u1	95
13) 2-Methylphenol	7.834	108	215872	16.491	ng/u1	95
14) 2,2'-oxybis(1-Chloropr...	7.905	45	310872	15.486	ng/u1	96
16) Acetophenone	8.199	105	331013	15.096	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.187	70	158867	14.632	ng/u1	95
18) 4-Methylphenol	8.157	108	229564	15.757	ng/u1	100
19) Hexachloroethane	8.434	117	109478	19.128	ng/u1	94
22) Nitrobenzene	8.563	77	254222	17.586	ng/u1	96
23) Isophorone	9.087	82	435036	16.319	ng/u1	96
25) 2-Nitrophenol	9.269	139	128682	19.360	ng/u1	89
26) 2,4-Dimethylphenol	9.346	107	236426	17.289	ng/u1	90
27) Bis(2-Chloroethoxy)met...	9.581	93	292327	17.822	ng/u1	96
29) 2,4-Dichlorophenol	9.799	162	219975	19.424	ng/u1	97
30) Naphthalene	10.187	128	758097	19.127	ng/u1	99
32) 4-Chloroaniline	10.310	127	281468	16.868	ng/u1	100
33) Hexachlorobutadiene	10.475	225	152317	20.964	ng/u1	99
34) Caprolactam	11.075	113	67545m	14.980	ng/u1	
35) 4-Chloro-3-methylphenol	11.446	107	210228	15.768	ng/u1	93
36) 2-Methylnaphthalene	11.810	142	493199	18.065	ng/u1	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.034	142	505126	18.278	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.193	216	272043	22.270	ng/ul	97
40) Hexachlorocyclopentadiene	12.169	237	139918	18.616	ng/ul	99
41) 2,4,6-Trichlorophenol	12.445	196	164311	20.290	ng/ul	97
42) 2,4,5-Trichlorophenol	12.516	196	176169	19.804	ng/ul	97
43) 1,1'-Biphenyl	12.857	154	619030	19.404	ng/ul	97
44) 2-Chloronaphthalene	12.893	162	498161	20.045	ng/ul	98
45) 2-Nitroaniline	13.110	65	120041	14.948	ng/ul	90
47) Dimethylphthalate	13.510	163	583531	18.105	ng/ul	98
48) 2,6-Dinitrotoluene	13.628	165	116235	18.316	ng/ul	90
50) Acenaphthylene	13.751	152	762423	19.586	ng/ul	99
51) 3-Nitroaniline	13.951	138	105733	15.076	ng/ul	93
52) Acenaphthene	14.098	153	525067	18.893	ng/ul	99
53) 2,4-Dinitrophenol	14.163	184	55567	14.886	ng/ul#	82
55) 4-Nitrophenol	14.281	109	92250	16.738	ng/ul	93
56) Dibenzofuran	14.439	168	716247	18.846	ng/ul	96
57) 2,4-Dinitrotoluene	14.422	165	170138	17.783	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	14.675	232	145713	19.740	ng/ul	92
59) Diethylphthalate	14.892	149	573646	17.033	ng/ul	98
61) Fluorene	15.092	166	580265	18.665	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.098	204	286055	18.983	ng/ul	95
63) 4-Nitroaniline	15.128	138	97698	13.537	ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.187	198	90967	16.367	ng/ul	96
67) N-Nitrosodiphenylamine	15.316	169	498385	19.813	ng/ul	98
68) 4-Bromophenyl-phenylether	15.998	248	177961	20.877	ng/ul	93
69) Hexachlorobenzene	16.098	284	206691	20.891	ng/ul	96
70) Atrazine	16.286	200	153381	16.830	ng/ul	99
71) Pentachlorophenol	16.451	266	122808	18.637	ng/ul	99
72) Phenanthrene	16.833	178	894928	19.335	ng/ul	99
74) Anthracene	16.928	178	922302	19.514	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	12.816	216	254861	21.815	ng/uL	98
76) Pentachlorobenzene	14.357	250	253380	21.301	ng/uL	98
77) Carbazole	17.204	167	817392	18.790	ng/ul	100
78) Di-n-butylphthalate	17.792	149	959645	17.354	ng/ul	99
80) Fluoranthene	18.869	202	1037138	18.956	ng/ul	98
82) Pyrene	19.233	202	1099636	18.696	ng/ul	96
83) Butylbenzylphthalate	20.174	149	433368	16.430	ng/ul	98
84) 3,3'-Dichlorobenzidine	20.957	252	343661	18.215	ng/ul	98
85) Benzo(a)anthracene	21.016	228	1141005	19.052	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	20.980	149	669755	17.348	ng/ul	97
87) Chrysene	21.069	228	1085918	19.004	ng/ul	98
89) Di-n-octyl phthalate	22.016	149	1118380	15.617	ng/ul	100
90) Benzo(b)fluoranthene	22.892	252	1209548	18.434	ng/ul	99
91) Benzo(k)fluoranthene	22.951	252	1260525	19.473	ng/ul	99
93) Benzo(a)pyrene	23.615	252	1200251	19.363	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.733	276	1540347	20.056	ng/ul	99
95) Dibenzo(a,h)anthracene	26.792	278	1290406	20.786	ng/ul	97
96) Benzo(g,h,i)perylene	27.662	276	1233778	20.693	ng/ul	97

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

