

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101724\
 Data File : BN034649.D
 Acq On : 18 Oct 2024 13:41
 Operator : RC/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020344

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/21/2024

Supervised By :mohammad ahmed 10/21/2024

Quant Time: Oct 18 23:11:15 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN101624.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Wed Oct 16 15:50:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.663	152	325959	20.000	ng/u1	0.00
20) Naphthalene-d8	10.440	136	1382892	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.298	164	751048	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.039	188	1253506	20.000	ng/u1	0.00
79) Chrysene-d12	21.263	240	916827	20.000	ng/u1	0.00
88) Perylene-d12	24.151	264	1078462	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	64158	7.876	ng/uL	0.00
4) Pyridine-d5	3.599	84	473071	19.890	ng/u1	0.00
7) Phenol-d5	6.834	99	547104	20.452	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.005	67	342836	20.777	ng/u1	0.00
11) 2-Chlorophenol-d4	7.199	132	443692	21.471	ng/u1	0.00
15) 4-Methylphenol-d8	8.369	113	429259	20.590	ng/u1	0.00
21) Nitrobenzene-d5	8.810	128	215241	22.366	ng/u1	0.00
24) 2-Nitrophenol-d4	9.522	143	189602	24.932	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.063	165	384022	21.909	ng/u1	0.00
31) 4-Chloroaniline-d4	10.569	131	593165	19.726	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	998651	21.018	ng/u1	0.00
49) Acenaphthylene-d8	13.987	160	1254138	21.250	ng/u1	0.00
54) 4-Nitrophenol-d4	14.487	143	162376	18.345	ng/u1	0.00
60) Fluorene-d10	15.292	176	828246	20.154	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.404	200	71453	17.006	ng/u1	0.00
73) Anthracene-d10	17.139	188	1121282	20.926	ng/u1	0.00
81) Pyrene-d10	19.433	212	1052558	22.359	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.951	264	1049787	21.126	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	70179	8.018	ng/uL	94
5) Pyridine	3.622	79	481672	19.901	ng/u1	98
6) Benzaldehyde	6.811	77	363580	23.155	ng/u1	99
8) Phenol	6.863	94	563323	20.167	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.099	93	449098	20.390	ng/u1	97
12) 2-Chlorophenol	7.228	128	458302	21.236	ng/u1	98
13) 2-Methylphenol	8.105	108	419536	20.346	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.187	45	680610	20.513	ng/u1	99
16) Acetophenone	8.481	105	682820	20.511	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.475	70	329524	20.326	ng/u1	96
18) 4-Methylphenol	8.428	108	457441	20.463	ng/u1	100
19) Hexachloroethane	8.740	117	186365	20.710	ng/u1	96
22) Nitrobenzene	8.852	77	492278	21.385	ng/u1	99
23) Isophorone	9.375	82	922358	20.269	ng/u1	99
25) 2-Nitrophenol	9.557	139	215748	24.125	ng/u1	98
26) 2,4-Dimethylphenol	9.628	107	454410	20.361	ng/u1	98
27) Bis(2-Chloroethoxy)met...	9.863	93	581369	20.712	ng/u1	99
29) 2,4-Dichlorophenol	10.087	162	388253	21.893	ng/u1	98
30) Naphthalene	10.487	128	1428672	20.553	ng/u1	99
32) 4-Chloroaniline	10.593	127	559495	19.623	ng/u1	99
33) Hexachlorobutadiene	10.787	225	223198	20.941	ng/u1	98
34) Caprolactam	11.346	113	128791	18.627	ng/u1	92
35) 4-Chloro-3-methylphenol	11.722	107	410624	20.710	ng/u1	98
36) 2-Methylnaphthalene	12.104	142	933586	20.398	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.328	142	955317	20.504	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.481	216	404732	21.931	ng/ul	98
40) Hexachlorocyclopentadiene	12.469	237	172822	17.629	ng/ul	98
41) 2,4,6-Trichlorophenol	12.716	196	255464	23.841	ng/ul	96
42) 2,4,5-Trichlorophenol	12.787	196	278876	23.487	ng/ul	95
43) 1,1'-Biphenyl	13.128	154	1149827	22.294	ng/ul	98
44) 2-Chloronaphthalene	13.163	162	883831	21.925	ng/ul	99
45) 2-Nitroaniline	13.363	65	247542	23.409	ng/ul	96
47) Dimethylphthalate	13.763	163	999679	20.947	ng/ul	99
48) 2,6-Dinitrotoluene	13.869	165	195070	23.596	ng/ul	95
50) Acenaphthylene	14.016	152	1364961	21.344	ng/ul	99
51) 3-Nitroaniline	14.192	138	227442	21.554	ng/ul#	92
52) Acenaphthene	14.363	153	928177	20.891	ng/ul	98
53) 2,4-Dinitrophenol	14.398	184	42895	13.301	ng/ul	97
55) 4-Nitrophenol	14.504	109	124149	19.154	ng/ul	97
56) Dibenzofuran	14.698	168	1212384	20.535	ng/ul	100
57) 2,4-Dinitrotoluene	14.657	165	263441	22.344	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.922	232	188093	22.100	ng/ul	100
59) Diethylphthalate	15.139	149	1002465	20.703	ng/ul	100
61) Fluorene	15.345	166	973972	20.473	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.351	204	442962	20.742	ng/ul	98
63) 4-Nitroaniline	15.357	138	220853	21.007	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.422	198	84225	17.327	ng/ul	93
67) N-Nitrosodiphenylamine	15.563	169	809694	22.922	ng/ul	100
68) 4-Bromophenyl-phenylether	16.245	248	247665	22.695	ng/ul	98
69) Hexachlorobenzene	16.351	284	270106	21.556	ng/ul	96
70) Atrazine	16.522	200	247889	20.949	ng/ul	97
71) Pentachlorophenol	16.692	266	136335	20.300	ng/ul	97
72) Phenanthrene	17.081	178	1316015	21.034	ng/ul	99
74) Anthracene	17.175	178	1371224	21.211	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.087	216	396027	25.233	ng/uL	97
76) Pentachlorobenzene	14.616	250	358242	23.851	ng/uL	98
77) Carbazole	17.439	167	1201981	20.079	ng/ul	100
78) Di-n-butylphthalate	18.033	149	1495399	21.469	ng/ul	100
80) Fluoranthene	19.098	202	1257980	22.275	ng/ul	98
82) Pyrene	19.457	202	1365224	22.694	ng/ul	99
83) Butylbenzylphthalate	20.386	149	533271	23.911	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.174	252	348357	18.889	ng/ul	95
85) Benzo(a)anthracene	21.245	228	1225718	21.043	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.216	149	793797	22.684	ng/ul	97
87) Chrysene	21.304	228	1150633	20.811	ng/ul	97
89) Di-n-octyl phthalate	22.327	149	1299729	20.736	ng/ul	100
90) Benzo(b)fluoranthene	23.245	252	1232524	21.268	ng/ul	100
91) Benzo(k)fluoranthene	23.304	252	1244275	21.012	ng/ul	99
93) Benzo(a)pyrene	24.015	252	1187813	21.170	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.380	276	1504951m	21.499	ng/ul	
95) Dibenzo(a,h)anthracene	27.445	278	1223313	21.505	ng/ul	99
96) Benzo(g,h,i)perylene	28.374	276	1171515	21.562	ng/ul	98

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

