

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050624\
 Data File : BN031403.D
 Acq On : 06 May 2024 17:21
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020398

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 05/07/2024
 Supervised By :mohammad ahmed 05/08/2024

Quant Time: May 06 17:53:41 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN050324.MA.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri May 03 14:17:04 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.599	152	140859	20.000	ng/u1	0.00
20) Naphthalene-d8	10.375	136	589282	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.246	164	378273	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.998	188	770452	20.000	ng/u1	0.00
79) Chrysene-d12	21.239	240	630629	20.000	ng/u1	0.00
88) Perylene-d12	24.116	264	615094	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.117	96	25520	7.841	ng/uL	0.00
4) Pyridine-d5	3.523	84	170140	20.112	ng/u1	0.00
7) Phenol-d5	6.775	99	207395	19.310	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.946	67	116640	19.231	ng/u1	0.00
11) 2-Chlorophenol-d4	7.134	132	176041	19.654	ng/u1	0.00
15) 4-Methylphenol-d8	8.311	113	175313	19.685	ng/u1	0.00
21) Nitrobenzene-d5	8.758	128	89326	20.119	ng/u1	0.00
24) 2-Nitrophenol-d4	9.469	143	97153	19.801	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.005	165	182517	20.697	ng/u1	0.00
31) 4-Chloroaniline-d4	10.522	131	248228	20.217	ng/u1	0.00
46) Dimethylphthalate-d6	13.669	166	552928	20.315	ng/u1	0.00
49) Acenaphthylene-d8	13.940	160	608160	20.303	ng/u1	0.00
54) 4-Nitrophenol-d4	14.469	143	96071	19.854	ng/u1	0.00
60) Fluorene-d10	15.245	176	448860	20.178	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.375	200	87108	18.485	ng/u1	0.00
73) Anthracene-d10	17.098	188	682101	20.330	ng/u1	0.00
81) Pyrene-d10	19.404	212	747985	20.887	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.916	264	588744	20.065	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.152	88	25497	7.850	ng/uL	99
5) Pyridine	3.540	79	172023	20.218	ng/u1	98
6) Benzaldehyde	6.752	77	112408	22.077	ng/u1	97
8) Phenol	6.805	94	210495	19.374	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.034	93	168183	19.422	ng/u1	100
12) 2-Chlorophenol	7.164	128	181602	19.396	ng/u1	99
13) 2-Methylphenol	8.040	108	162834	19.364	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.122	45	186162	19.592	ng/u1	98
16) Acetophenone	8.422	105	290612	20.625	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.411	70	140754	20.223	ng/u1	98
18) 4-Methylphenol	8.369	108	182824	20.117	ng/u1	99
19) Hexachloroethane	8.663	117	82248	19.904	ng/u1	99
22) Nitrobenzene	8.799	77	216421	20.574	ng/u1	99
23) Isophorone	9.316	82	401212	20.063	ng/u1	98
25) 2-Nitrophenol	9.505	139	106191	20.125	ng/u1	97
26) 2,4-Dimethylphenol	9.563	107	208187	20.218	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.805	93	232059	19.887	ng/u1	98
29) 2,4-Dichlorophenol	10.028	162	178748	20.497	ng/u1	98
30) Naphthalene	10.428	128	607025	19.984	ng/u1	100
32) 4-Chloroaniline	10.546	127	243317	20.505	ng/u1	97
33) Hexachlorobutadiene	10.699	225	122777	20.086	ng/u1	98
34) Caprolactam	11.334	113	55222m	19.579	ng/u1	
35) 4-Chloro-3-methylphenol	11.675	107	204321	20.152	ng/u1	100
36) 2-Methylnaphthalene	12.046	142	415059	20.016	ng/u1	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	419740	20.225	ng/ul	92
39) 1,2,4,5-Tetrachloroben...	12.416	216	214675	20.242	ng/ul	98
40) Hexachlorocyclopentadiene	12.393	237	133302	19.022	ng/ul	98
41) 2,4,6-Trichlorophenol	12.669	196	141837	20.172	ng/ul	96
42) 2,4,5-Trichlorophenol	12.740	196	150657	19.918	ng/ul	99
43) 1,1'-Biphenyl	13.075	154	543234	20.276	ng/ul	98
44) 2-Chloronaphthalene	13.116	162	431913	20.429	ng/ul	100
45) 2-Nitroaniline	13.334	65	123193	20.451	ng/ul	99
47) Dimethylphthalate	13.716	163	559248	20.077	ng/ul	98
48) 2,6-Dinitrotoluene	13.840	165	111906	20.128	ng/ul	97
50) Acenaphthylene	13.969	152	704451	20.373	ng/ul	99
51) 3-Nitroaniline	14.169	138	108829	19.837	ng/ul	96
52) Acenaphthene	14.310	153	468088	20.330	ng/ul	98
53) 2,4-Dinitrophenol	14.375	184	55904	16.882	ng/ul	96
55) 4-Nitrophenol	14.481	109	103648	20.707	ng/ul	96
56) Dibenzofuran	14.651	168	617099	20.048	ng/ul	97
57) 2,4-Dinitrotoluene	14.628	165	163837	20.263	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	14.881	232	127058	19.530	ng/ul	97
59) Diethylphthalate	15.087	149	588664	20.309	ng/ul	99
61) Fluorene	15.304	166	521210	20.341	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.298	204	252697	19.816	ng/ul	92
63) 4-Nitroaniline	15.340	138	105677	21.723	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.393	198	94780	19.301	ng/ul	96
67) N-Nitrosodiphenylamine	15.516	169	448087	20.603	ng/ul	99
68) 4-Bromophenyl-phenylether	16.192	248	162327	20.923	ng/ul	96
69) Hexachlorobenzene	16.298	284	184086	20.002	ng/ul	97
70) Atrazine	16.475	200	145173	19.840	ng/ul	98
71) Pentachlorophenol	16.651	266	113520	19.271	ng/ul	98
72) Phenanthrene	17.045	178	818831	20.597	ng/ul	100
74) Anthracene	17.134	178	835853	20.648	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.034	216	215200	20.772	ng/uL	97
76) Pentachlorobenzene	14.563	250	212588	20.448	ng/uL	98
77) Carbazole	17.410	167	708146	20.214	ng/ul	99
78) Di-n-butylphthalate	17.975	149	1008494	20.922	ng/ul	100
80) Fluoranthene	19.069	202	921715	21.373	ng/ul	99
82) Pyrene	19.433	202	946702	21.033	ng/ul	99
83) Butylbenzylphthalate	20.345	149	431961	21.640	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.157	252	242008	20.632	ng/ul	99
85) Benzo(a)anthracene	21.222	228	845258	19.987	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.151	149	626047	22.147	ng/ul	98
87) Chrysene	21.280	228	814259	20.450	ng/ul	99
89) Di-n-octyl phthalate	22.239	149	975781	22.239	ng/ul	100
90) Benzo(b)fluoranthene	23.210	252	737033	20.014	ng/ul	98
91) Benzo(k)fluoranthene	23.269	252	765312	21.093	ng/ul	99
93) Benzo(a)pyrene	23.980	252	684485	20.369	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	27.333	276	764222	19.074	ng/ul	94
95) Dibenzo(a,h)anthracene	27.386	278	648960	19.450	ng/ul	98
96) Benzo(g,h,i)perylene	28.345	276	625117m	19.367	ng/ul	

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

