

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060824\
 Data File : BN031851.D
 Acq On : 08 Jun 2024 09:57
 Operator : MA/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020280

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/10/2024
 Supervised By :mohammad ahmed 06/10/2024

Quant Time: Jun 10 01:56:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 29 15:13:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	415300	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.451	136	1788319	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.316	164	1144115	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.063	188	2489015	20.000	ng/u1	0.00
79) Chrysene-d12	21.304	240	1950698	20.000	ng/u1	0.00
88) Perylene-d12	24.245	264	2001958	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.181	96	66676	6.642	ng/uL	-0.01
4) Pyridine-d5	3.587	84	511718	18.109	ng/u1	-0.01
7) Phenol-d5	6.846	99	692855	19.461	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.010	67	370914	17.811	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.205	132	547698	20.161	ng/u1	-0.01
15) 4-Methylphenol-d8	8.381	113	547720	18.873	ng/u1	0.00
21) Nitrobenzene-d5	8.828	128	276450	20.218	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.540	143	299512	21.205	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.075	165	546237	20.715	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.593	131	760369	19.421	ng/u1	-0.02
46) Dimethylphthalate-d6	13.728	166	1458708	18.301	ng/u1	-0.02
49) Acenaphthylene-d8	14.004	160	1779348	19.415	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.534	143	332217	20.817	ng/u1	0.00
60) Fluorene-d10	15.310	176	1330282	19.725	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.445	200	229251	18.324	ng/u1	0.00
73) Anthracene-d10	17.163	188	2129271	19.982	ng/u1	0.00
81) Pyrene-d10	19.463	212	2478212	23.741	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.045	264	1852251	19.376	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.216	88	71067	6.617	ng/uL	96
5) Pyridine	3.605	79	507524	17.963	ng/u1	98
6) Benzaldehyde	6.822	77	294936	17.662	ng/u1	95
8) Phenol	6.869	94	707107	19.515	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.105	93	546036	18.225	ng/u1	99
12) 2-Chlorophenol	7.234	128	567785	19.973	ng/u1	99
13) 2-Methylphenol	8.116	108	533679	19.070	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.193	45	626789	18.174	ng/u1	99
16) Acetophenone	8.493	105	816814	18.571	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.475	70	390750	17.145	ng/u1	96
18) 4-Methylphenol	8.440	108	570931	18.820	ng/u1	98
19) Hexachloroethane	8.734	117	226741	18.835	ng/u1	94
22) Nitrobenzene	8.869	77	631512	19.385	ng/u1	98
23) Isophorone	9.393	82	1174778	17.579	ng/u1	99
25) 2-Nitrophenol	9.575	139	323382	20.956	ng/u1	97
26) 2,4-Dimethylphenol	9.640	107	561981	18.720	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.875	93	716484	17.203	ng/u1	100
29) 2,4-Dichlorophenol	10.104	162	528328	20.292	ng/u1	98
30) Naphthalene	10.504	128	1819697	19.661	ng/u1	99
32) 4-Chloroaniline	10.616	127	743886	19.570	ng/u1	100
33) Hexachlorobutadiene	10.781	225	321899	20.585	ng/u1	96
34) Caprolactam	11.404	113	194935m	19.181	ng/u1	
35) 4-Chloro-3-methylphenol	11.751	107	598034	19.651	ng/u1	98
36) 2-Methylnaphthalene	12.122	142	1215796	19.218	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.340	142	1213792	19.122	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.492	216	620206	20.497	ng/ul	97
40) Hexachlorocyclopentadiene	12.463	237	221817	12.719	ng/ul	95
41) 2,4,6-Trichlorophenol	12.740	196	408894	19.910	ng/ul	99
42) 2,4,5-Trichlorophenol	12.810	196	450420	20.182	ng/ul	92
43) 1,1'-Biphenyl	13.145	154	1543894	19.185	ng/ul	96
44) 2-Chloronaphthalene	13.187	162	1244892	19.751	ng/ul	98
45) 2-Nitroaniline	13.398	65	369685	20.234	ng/ul	93
47) Dimethylphthalate	13.775	163	1524449	18.701	ng/ul	99
48) 2,6-Dinitrotoluene	13.904	165	326166	20.130	ng/ul	96
50) Acenaphthylene	14.034	152	2065574	19.942	ng/ul	99
51) 3-Nitroaniline	14.228	138	380919	21.988	ng/ul	96
52) Acenaphthene	14.381	153	1347615	19.664	ng/ul	99
53) 2,4-Dinitrophenol	14.445	184	181893	22.236	ng/ul	96
55) 4-Nitrophenol	14.545	109	271724	22.952	ng/ul	99
56) Dibenzofuran	14.716	168	1852938	19.900	ng/ul	100
57) 2,4-Dinitrotoluene	14.692	165	489807	20.602	ng/ul	100
58) 2,3,4,6-Tetrachlorophenol	14.945	232	385165	20.632	ng/ul	99
59) Diethylphthalate	15.145	149	1551043	18.440	ng/ul	99
61) Fluorene	15.369	166	1504394	20.064	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.363	204	704865	19.409	ng/ul	97
63) 4-Nitroaniline	15.398	138	402538	24.408	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.457	198	244344	18.372	ng/ul	95
67) N-Nitrosodiphenylamine	15.581	169	1309168	19.082	ng/ul	99
68) 4-Bromophenyl-phenylether	16.257	248	462449	19.176	ng/ul	95
69) Hexachlorobenzene	16.363	284	536881	19.642	ng/ul	96
70) Atrazine	16.539	200	390052	18.006	ng/ul	99
71) Pentachlorophenol	16.716	266	351718	20.112	ng/ul	91
72) Phenanthrene	17.110	178	2496653	19.691	ng/ul	100
74) Anthracene	17.198	178	2587888	20.143	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.104	216	612356	19.114	ng/ul	97
76) Pentachlorobenzene	14.634	250	612507	19.629	ng/ul	98
77) Carbazole	17.475	167	2468714	22.535	ng/ul	97
78) Di-n-butylphthalate	18.039	149	2893827	19.200	ng/ul	100
80) Fluoranthene	19.127	202	2937544	23.547	ng/ul	99
82) Pyrene	19.492	202	2957647	23.108	ng/ul	98
83) Butylbenzylphthalate	20.398	149	1377422	22.785	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.216	252	741534	19.823	ng/ul	97
85) Benzo(a)anthracene	21.286	228	2635951	20.188	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.210	149	1957403	22.212	ng/ul	100
87) Chrysene	21.345	228	2459924	20.170	ng/ul	99
89) Di-n-octyl phthalate	22.321	149	3346904	24.972	ng/ul	100
90) Benzo(b)fluoranthene	23.315	252	2311323	19.315	ng/ul	97
91) Benzo(k)fluoranthene	23.374	252	2250952	19.170	ng/ul	98
93) Benzo(a)pyrene	24.104	252	2138399	19.080	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	27.551	276	2553068	19.769	ng/ul	99
95) Dibenzo(a,h)anthracene	27.609	278	2087442	19.798	ng/ul	98
96) Benzo(g,h,i)perylene	28.580	276	2035267	19.825	ng/ul	96

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

