

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121522\
 Data File : BN023226.D
 Acq On : 15 Dec 2022 22:21
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

BNA_N

ClientSampleId :

SSTD020371

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/16/2022
 Supervised By :mohammad ahmed 12/16/2022

Quant Time: Dec 16 06:16:48 2022

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M

Quant Title : SVOA CALIBRATION

QLast Update : Thu Dec 15 23:22:36 2022

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	278271	20.000	ng/u1	0.00
20) Naphthalene-d8	10.822	136	1354502	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	907705	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.398	188	2006391	20.000	ng/u1	0.00
79) Chrysene-d12	21.580	240	2007926	20.000	ng/u1	0.00
88) Perylene-d12	24.033	264	2195069	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	54359	8.082	ng/uL	0.00
4) Pyridine-d5	3.775	84	387221	19.503	ng/u1	0.00
7) Phenol-d5	7.158	99	511307	19.756	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.328	67	307057	20.388	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	405019	20.768	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	420931	20.257	ng/u1	0.00
21) Nitrobenzene-d5	9.175	128	211744	20.233	ng/u1	0.00
24) 2-Nitrophenol-d4	9.899	143	225934	20.498	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	422315	20.296	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	686975	20.518	ng/u1	0.00
46) Dimethylphthalate-d6	14.063	166	1352836	19.888	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	1542741	20.223	ng/u1	0.00
54) 4-Nitrophenol-d4	14.845	143	287381	18.916	ng/u1	0.00
60) Fluorene-d10	15.645	176	1154303	19.921	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	233741	19.790	ng/u1	0.00
73) Anthracene-d10	17.498	188	1838312	20.444	ng/u1	0.00
81) Pyrene-d10	19.786	212	2263916	20.727	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.874	264	2154241	20.022	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	53822	7.721	ng/uL	97
5) Pyridine	3.793	79	393221	19.383	ng/u1	99
6) Benzaldehyde	7.134	77	200194	21.595	ng/u1	98
8) Phenol	7.187	94	521009	19.929	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.422	93	419242	20.647	ng/u1	98
12) 2-Chlorophenol	7.558	128	412858	20.612	ng/u1	98
13) 2-Methylphenol	8.446	108	401353	20.178	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.540	45	529569	20.592	ng/u1	98
16) Acetophenone	8.834	105	668721	21.270	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.822	70	343163	21.797	ng/u1	99
18) 4-Methylphenol	8.781	108	453364	20.539	ng/u1	99
19) Hexachloroethane	9.093	117	160306	20.780	ng/u1	98
22) Nitrobenzene	9.216	77	497773	19.837	ng/u1	99
23) Isophorone	9.746	82	970626	20.507	ng/u1	98
25) 2-Nitrophenol	9.934	139	248823	20.698	ng/u1	99
26) 2,4-Dimethylphenol	9.993	107	493733	20.289	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.228	93	605702	20.005	ng/u1	98
29) 2,4-Dichlorophenol	10.469	162	412471	20.032	ng/u1	98
30) Naphthalene	10.875	128	1432586	19.797	ng/u1	99
32) 4-Chloroaniline	10.987	127	678587	20.314	ng/u1	98
33) Hexachlorobutadiene	11.157	225	241603	20.582	ng/u1	98
34) Caprolactam	11.757	113	155386m	19.409	ng/u1	
35) 4-Chloro-3-methylphenol	12.104	107	482633	20.694	ng/u1	95
36) 2-Methylnaphthalene	12.481	142	986482	20.227	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.699	142	1020386	20.303	ng/u1	94
39) 1,2,4,5-Tetrachloroben...	12.846	216	508430	19.803	ng/u1	96
40) Hexachlorocyclopentadiene	12.828	237	288546	18.685	ng/u1	97
41) 2,4,6-Trichlorophenol	13.087	196	350519	19.849	ng/u1	98
42) 2,4,5-Trichlorophenol	13.157	196	392429	20.078	ng/u1	99
43) 1,1'-Biphenyl	13.487	154	1345940	19.623	ng/u1	98
44) 2-Chloronaphthalene	13.528	162	1063558	19.912	ng/u1	99
45) 2-Nitroaniline	13.734	65	313701	20.267	ng/u1	98
47) Dimethylphthalate	14.110	163	1354495	19.734	ng/u1	99
48) 2,6-Dinitrotoluene	14.228	165	279922	21.064	ng/u1	97
50) Acenaphthylene	14.375	152	1671328	19.923	ng/u1	98
51) 3-Nitroaniline	14.557	138	263479	19.472	ng/u1	97
52) Acenaphthene	14.716	153	1159574	19.883	ng/u1	97
53) 2,4-Dinitrophenol	14.757	184	149124	17.610	ng/u1	95
55) 4-Nitrophenol	14.857	109	213584	19.008	ng/u1	99
56) Dibenzofuran	15.051	168	1599747	19.701	ng/u1	99
57) 2,4-Dinitrotoluene	15.010	165	409546	20.878	ng/u1	95
58) 2,3,4,6-Tetrachlorophenol	15.275	232	335914	19.851	ng/u1	99
59) Diethylphthalate	15.469	149	1357767	19.885	ng/u1	98
61) Fluorene	15.698	166	1305754	19.858	ng/u1	98
62) 4-Chlorophenyl-phenyle...	15.692	204	628505	19.943	ng/u1	96
63) 4-Nitroaniline	15.722	138	253284	19.221	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.775	198	234539	20.341	ng/u1	100
67) N-Nitrosodiphenylamine	15.904	169	1144310	20.608	ng/u1	97
68) 4-Bromophenyl-phenylether	16.587	248	395789	20.444	ng/u1	97
69) Hexachlorobenzene	16.704	284	476027	21.031	ng/u1	96
70) Atrazine	16.857	200	416314	20.516	ng/u1	97
71) Pentachlorophenol	17.045	266	296503	19.838	ng/u1	96
72) Phenanthrene	17.439	178	2172942	20.467	ng/u1	100
74) Anthracene	17.534	178	2193169	20.704	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	505539	20.261	ng/uL	97
76) Pentachlorobenzene	14.969	250	529199	20.930	ng/uL	95
77) Carbazole	17.804	167	2029011	20.801	ng/u1	100
78) Di-n-butylphthalate	18.363	149	2396351	20.690	ng/u1	100
80) Fluoranthene	19.451	202	2629516	20.699	ng/u1	99
82) Pyrene	19.816	202	2729496	20.454	ng/u1	99
83) Butylbenzylphthalate	20.710	149	1157797	20.966	ng/u1	98
84) 3,3'-Dichlorobenzidine	21.498	252	912781	20.686	ng/u1	96
85) Benzo(a)anthracene	21.563	228	2709114	20.138	ng/u1	98
86) Bis(2-ethylhexyl)phtha...	21.486	149	1670965	21.400	ng/u1	100
87) Chrysene	21.622	228	2566965	20.219	ng/u1	99
89) Di-n-octyl phthalate	22.427	149	2876143	21.636	ng/u1	100
90) Benzo(b)fluoranthene	23.280	252	2730280	19.720	ng/u1	99
91) Benzo(k)fluoranthene	23.333	252	2778536	21.089	ng/u1	99
93) Benzo(a)pyrene	23.927	252	2385380	20.048	ng/u1	100
94) Indeno(1,2,3-cd)pyrene	26.604	276	2917704	19.357	ng/u1	99
95) Dibenzo(a,h)anthracene	26.621	278	2409150	19.602	ng/u1	99
96) Benzo(g,h,i)perylene	27.392	276	2298430	19.272	ng/u1	97

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

