

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
 Data File : BN023278.D
 Acq On : 17 Dec 2022 15:50
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020375

Quant Time: Dec 19 00:16:02 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/19/2022
 Supervised By :mohammad ahmed 12/19/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	343165	20.000	ng/u1	0.00
20) Naphthalene-d8	10.822	136	1650918	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	1081602	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.398	188	2401119	20.000	ng/u1	0.00
79) Chrysene-d12	21.586	240	2105371	20.000	ng/u1	0.00
88) Perylene-d12	24.039	264	1980559	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	58519	7.055	ng/uL	0.00
4) Pyridine-d5	3.776	84	480262	19.615	ng/u1	0.00
7) Phenol-d5	7.158	99	629359	19.719	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	358987	19.328	ng/u1	0.00
11) 2-Chlorophenol-d4	7.528	132	497648	20.692	ng/u1	0.00
15) 4-Methylphenol-d8	8.716	113	525605	20.511	ng/u1	0.00
21) Nitrobenzene-d5	9.169	128	268243	21.030	ng/u1	0.00
24) 2-Nitrophenol-d4	9.899	143	298819	22.242	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.440	165	538785	21.244	ng/u1	0.00
31) 4-Chloroaniline-d4	10.957	131	821055	20.120	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	1635459	20.177	ng/u1	0.00
49) Acenaphthylene-d8	14.346	160	1916437	21.083	ng/u1	0.00
54) 4-Nitrophenol-d4	14.845	143	344786	19.046	ng/u1	0.00
60) Fluorene-d10	15.640	176	1396087	20.220	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.763	200	279229	19.755	ng/u1	0.00
73) Anthracene-d10	17.498	188	2215619	20.589	ng/u1	0.00
81) Pyrene-d10	19.792	212	2625076	22.921	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.880	264	2030873	20.920	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	60308	7.016	ng/uL	98
5) Pyridine	3.793	79	478699	19.134	ng/u1	98
6) Benzaldehyde	7.128	77	245405	21.466	ng/u1	98
8) Phenol	7.187	94	639128	19.824	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.416	93	492916	19.685	ng/u1	99
12) 2-Chlorophenol	7.558	128	508124	20.571	ng/u1	97
13) 2-Methylphenol	8.446	108	501982	20.464	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.540	45	617252	19.463	ng/u1	98
16) Acetophenone	8.834	105	799395	20.618	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.822	70	402687	20.741	ng/u1	98
18) 4-Methylphenol	8.781	108	556663	20.450	ng/u1	99
19) Hexachloroethane	9.087	117	199501	20.971	ng/u1	92
22) Nitrobenzene	9.216	77	603073	19.718	ng/u1	95
23) Isophorone	9.746	82	1173876	20.348	ng/u1	100
25) 2-Nitrophenol	9.928	139	315988	21.565	ng/u1	98
26) 2,4-Dimethylphenol	9.987	107	605259	20.406	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.228	93	717170	19.433	ng/u1	99
29) 2,4-Dichlorophenol	10.463	162	530680	21.145	ng/u1	99
30) Naphthalene	10.869	128	1762450	19.983	ng/u1	100
32) 4-Chloroaniline	10.981	127	817502	20.079	ng/u1	98
33) Hexachlorobutadiene	11.157	225	303520	21.214	ng/u1	97
34) Caprolactam	11.763	113	193910m	19.872	ng/u1	
35) 4-Chloro-3-methylphenol	12.104	107	602449	21.193	ng/u1	94
36) 2-Methylnaphthalene	12.475	142	1212664	20.400	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.699	142	1246608	20.350	ng/u1	96
39) 1,2,4,5-Tetrachloroben...	12.846	216	633270	20.700	ng/u1	98
40) Hexachlorocyclopentadiene	12.822	237	318382	17.302	ng/u1	97
41) 2,4,6-Trichlorophenol	13.087	196	445950	21.193	ng/u1	98
42) 2,4,5-Trichlorophenol	13.157	196	494844	21.248	ng/u1	96
43) 1,1'-Biphenyl	13.487	154	1662266	20.339	ng/u1	99
44) 2-Chloronaphthalene	13.528	162	1299252	20.414	ng/u1	99
45) 2-Nitroaniline	13.734	65	388899	21.086	ng/u1	98
47) Dimethylphthalate	14.110	163	1636261	20.006	ng/u1	99
48) 2,6-Dinitrotoluene	14.228	165	352367	22.252	ng/u1	95
50) Acenaphthylene	14.375	152	2068054	20.689	ng/u1	99
51) 3-Nitroaniline	14.557	138	332171	20.601	ng/u1	98
52) Acenaphthene	14.716	153	1389714	19.998	ng/u1	97
53) 2,4-Dinitrophenol	14.757	184	181086	17.947	ng/u1	95
55) 4-Nitrophenol	14.863	109	258049	19.273	ng/u1	98
56) Dibenzofuran	15.051	168	1945905	20.112	ng/u1	100
57) 2,4-Dinitrotoluene	15.010	165	506689	21.677	ng/u1	93
58) 2,3,4,6-Tetrachlorophenol	15.275	232	424086	21.033	ng/u1	97
59) Diethylphthalate	15.469	149	1648824	20.265	ng/u1	99
61) Fluorene	15.698	166	1564875	19.973	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.687	204	750096	19.975	ng/u1	98
63) 4-Nitroaniline	15.722	138	317276	20.206	ng/u1	99
66) 4,6-Dinitro-2-methylph...	15.775	198	271546	19.679	ng/u1	97
67) N-Nitrosodiphenylamine	15.904	169	1359819	20.463	ng/u1	97
68) 4-Bromophenyl-phenylether	16.587	248	494321	21.336	ng/u1	99
69) Hexachlorobenzene	16.704	284	580159	21.418	ng/u1	95
70) Atrazine	16.857	200	514155	21.173	ng/u1	97
71) Pentachlorophenol	17.045	266	370989	20.741	ng/u1	97
72) Phenanthrene	17.439	178	2575219	20.269	ng/u1	99
74) Anthracene	17.534	178	2621474	20.679	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	646132	21.639	ng/uL	100
76) Pentachlorobenzene	14.969	250	643321	21.261	ng/uL	96
77) Carbazole	17.804	167	2421469	20.743	ng/u1	99
78) Di-n-butylphthalate	18.363	149	2936553	21.186	ng/u1	100
80) Fluoranthene	19.457	202	3054424	22.931	ng/u1	97
82) Pyrene	19.822	202	3158619	22.574	ng/u1	97
83) Butylbenzylphthalate	20.716	149	1421664	24.553	ng/u1	94
84) 3,3'-Dichlorobenzidine	21.504	252	952798	20.594	ng/u1	93
85) Benzo(a)anthracene	21.575	228	2958318	20.973	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.492	149	1983695	24.229	ng/u1	98
87) Chrysene	21.627	228	2710534	20.362	ng/u1	100
89) Di-n-octyl phthalate	22.433	149	3369714	28.095	ng/u1	100
90) Benzo(b)fluoranthene	23.292	252	2743903	21.965	ng/u1	99
91) Benzo(k)fluoranthene	23.339	252	2555182	21.494	ng/u1	99
93) Benzo(a)pyrene	23.933	252	2219545	20.675	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.604	276	2435360	17.907	ng/u1	97
95) Dibenzo(a,h)anthracene	26.627	278	2012782	18.151	ng/u1	100
96) Benzo(g,h,i)perylene	27.404	276	1889992	17.564	ng/u1	95

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

