

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011522\
 Data File : BN018407.D
 Acq On : 15 Jan 2022 10:23
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020278

Quant Time: Jan 17 04:19:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN010622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 07 01:31:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.587	152	467568	20.000	ng/u1	0.00
20) Naphthalene-d8	10.363	136	2100901	20.000	ng/u1	-0.01
38) Acenaphthene-d10	14.234	164	1249591	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.975	188	2535401	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.174	240	2458436	20.000	ng/u1	# 0.00
88) Perylene-d12	23.392	264	2638404	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.064	96	82729	7.113	ng/uL	0.00
4) Pyridine-d5	3.464	84	668661	18.369	ng/u1	0.00
7) Phenol-d5	6.769	99	858557	18.893	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	6.928	67	543936	18.791	ng/u1	0.00
11) 2-Chlorophenol-d4	7.122	132	662703	19.909	ng/u1	0.00
15) 4-Methylphenol-d8	8.305	113	672021	18.736	ng/u1	-0.01
21) Nitrobenzene-d5	8.734	128	314447	20.096	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.457	143	349140	20.874	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.993	165	616590	20.290	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.504	131	888815	19.032	ng/u1	-0.01
46) Dimethylphthalate-d6	13.651	166	1907679	21.018	ng/u1	0.00
49) Acenaphthylene-d8	13.922	160	2382371	20.764	ng/u1	0.00
54) 4-Nitrophenol-d4	14.445	143	316348	18.265	ng/u1	0.00
60) Fluorene-d10	15.228	176	1552456	20.273	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.357	200	268056	18.684	ng/u1	0.00
73) Anthracene-d10	17.075	188	2290745	19.508	ng/u1	0.00
81) Pyrene-d10	19.375	212	2693895	19.102	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.251	264	2713592	20.666	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.099	88	86828	6.635	ng/uL	97
5) Pyridine	3.481	79	683932	18.066	ng/u1	94
6) Benzaldehyde	6.728	77	547191	18.959	ng/u1	100
8) Phenol	6.799	94	863154	18.225	ng/u1	93
10) Bis(2-Chloroethyl)ether	7.016	93	707113	18.518	ng/u1	98
12) 2-Chlorophenol	7.152	128	669412	19.058	ng/u1	96
13) 2-Methylphenol	8.040	108	654781	18.377	ng/u1	92
14) 2,2'-oxybis(1-Chloropr...	8.128	45	872785	17.223	ng/u1	97
16) Acetophenone	8.405	105	1037915	18.891	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.399	70	557028	18.556	ng/u1	94
18) 4-Methylphenol	8.369	108	713408	18.661	ng/u1	97
19) Hexachloroethane	8.657	117	277150	19.024	ng/u1#	76
22) Nitrobenzene	8.775	77	819938	19.835	ng/u1	100
23) Isophorone	9.299	82	1579083	19.020	ng/u1	98
25) 2-Nitrophenol	9.487	139	377402	20.268	ng/u1	98
26) 2,4-Dimethylphenol	9.563	107	827561	20.040	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.793	93	974723	18.873	ng/u1	98
29) 2,4-Dichlorophenol	10.022	162	615139	19.985	ng/u1	97
30) Naphthalene	10.416	128	2120851	18.451	ng/u1	99
32) 4-Chloroaniline	10.528	127	900053	18.870	ng/u1	100
33) Hexachlorobutadiene	10.710	225	336188	20.030	ng/u1	97
34) Caprolactam	11.263	113	214704	17.745	ng/u1	85
35) 4-Chloro-3-methylphenol	11.669	107	769322	19.972	ng/u1	94
36) 2-Methylnaphthalene	12.040	142	1487551	19.395	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.257	142	1525023	19.107	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.416	216	673727	21.020	ng/ul#	92
40) Hexachlorocyclopentadiene	12.398	237	363386	19.740	ng/ul	96
41) 2,4,6-Trichlorophenol	12.663	196	470637	21.650	ng/ul	96
42) 2,4,5-Trichlorophenol	12.734	196	498958	21.653	ng/ul	99
43) 1,1'-Biphenyl	13.063	154	1990610	20.455	ng/ul	99
44) 2-Chloronaphthalene	13.098	162	1491590	20.512	ng/ul	92
45) 2-Nitroaniline	13.310	65	481789	21.169	ng/ul	98
47) Dimethylphthalate	13.698	163	1887366	20.488	ng/ul	99
48) 2,6-Dinitrotoluene	13.816	165	368867	21.130	ng/ul	90
50) Acenaphthylene	13.951	152	2387952	19.750	ng/ul	99
51) 3-Nitroaniline	14.139	138	389827	19.864	ng/ul	95
52) Acenaphthene	14.298	153	1507042	18.915	ng/ul	97
53) 2,4-Dinitrophenol	14.351	184	163100	16.588	ng/ul#	79
55) 4-Nitrophenol	14.463	109	300598	20.315	ng/ul	84
56) Dibenzofuran	14.634	168	2164410	19.590	ng/ul#	84
57) 2,4-Dinitrotoluene	14.604	165	529787	21.093	ng/ul#	86
58) 2,3,4,6-Tetrachlorophenol	14.863	232	383783	20.661	ng/ul#	72
59) Diethylphthalate	15.069	149	1935579	20.353	ng/ul	95
61) Fluorene	15.281	166	1675922	19.697	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.286	204	750312	19.721	ng/ul#	83
63) 4-Nitroaniline	15.304	138	339050	19.368	ng/ul	91
66) 4,6-Dinitro-2-methylph...	15.369	198	265510	18.156	ng/ul#	83
67) N-Nitrosodiphenylamine	15.498	169	1471253	18.722	ng/ul	93
68) 4-Bromophenyl-phenylether	16.175	248	494430	20.110	ng/ul#	80
69) Hexachlorobenzene	16.292	284	600362	20.370	ng/ul#	90
70) Atrazine	16.457	200	542880	21.066	ng/ul	96
71) Pentachlorophenol	16.633	266	335592	19.948	ng/ul	98
72) Phenanthrene	17.016	178	2773471	19.250	ng/ul	100
74) Anthracene	17.110	178	2644376	18.489	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.028	216	703458	19.431	ng/ul	97
76) Pentachlorobenzene	14.557	250	685188	20.243	ng/ul	97
77) Carbazole	17.380	167	2542208	20.194	ng/ul	97
78) Di-n-butylphthalate	17.963	149	3263965	21.091	ng/ul	99
80) Fluoranthene	19.039	202	3260425	19.073	ng/ul#	91
82) Pyrene	19.404	202	3219241	18.483	ng/ul#	91
83) Butylbenzylphthalate	20.322	149	1490472	20.644	ng/ul#	96
84) 3,3'-Dichlorobenzidine	21.098	252	1005042	21.208	ng/ul#	91
85) Benzo(a)anthracene	21.157	228	3074446	19.105	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.110	149	2320618	21.131	ng/ul#	94
87) Chrysene	21.210	228	2945138	18.583	ng/ul	98
89) Di-n-octyl phthalate	21.980	149	3876052	20.502	ng/ul	100
90) Benzo(b)fluoranthene	22.727	252	3286587	19.431	ng/ul#	97
91) Benzo(k)fluoranthene	22.768	252	3270137	20.847	ng/ul#	95
93) Benzo(a)pyrene	23.298	252	3263056	20.230	ng/ul#	92
94) Indeno(1,2,3-cd)pyrene	25.645	276	3643178	20.423	ng/ul#	87
95) Dibenzo(a,h)anthracene	25.662	278	3074631	20.441	ng/ul#	94
96) Benzo(g,h,i)perylene	26.333	276	3041489	20.349	ng/ul#	89

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

