

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061722\
 Data File : BN020254.D
 Acq On : 18 Jun 2022 00:42
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020329

Quant Time: Jun 18 01:19:00 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 17 22:53:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	143409	20.000	ng/u1	0.00
20) Naphthalene-d8	10.575	136	706831	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	471742	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	973830	20.000	ng/u1	0.00
79) Chrysene-d12	21.351	240	866887	20.000	ng/u1	0.00
88) Perylene-d12	23.662	264	728088	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	23094	6.975	ng/uL	0.00
4) Pyridine-d5	3.658	84	167998	18.564	ng/u1	0.00
7) Phenol-d5	6.981	99	240094	20.233	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	141341	19.064	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	194666	20.189	ng/u1	0.00
15) 4-Methylphenol-d8	8.510	113	211340	20.585	ng/u1	0.00
21) Nitrobenzene-d5	8.940	128	98634	18.342	ng/u1	0.00
24) 2-Nitrophenol-d4	9.663	143	111643	19.563	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	206221	20.699	ng/u1	0.00
31) 4-Chloroaniline-d4	10.716	131	313293	19.419	ng/u1	0.00
46) Dimethylphthalate-d6	13.834	166	624114	18.183	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	757711	19.035	ng/u1	0.00
54) 4-Nitrophenol-d4	14.657	143	114252	16.611	ng/u1	0.00
60) Fluorene-d10	15.410	176	541049	19.049	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.533	200	106536	18.886	ng/u1	0.00
73) Anthracene-d10	17.257	188	819727	19.287	ng/u1	0.00
81) Pyrene-d10	19.557	212	929492	19.778	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.515	264	695790	19.532	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.287	88	25932	7.419	ng/uL	97
5) Pyridine	3.681	79	177913	18.753	ng/u1	91
6) Benzaldehyde	6.928	77	126435	22.612	ng/u1	94
8) Phenol	7.010	94	259646	20.548	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.216	93	190607	19.273	ng/u1	98
12) 2-Chlorophenol	7.363	128	203208	20.163	ng/u1	98
13) 2-Methylphenol	8.252	108	199439	20.530	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.322	45	302157	19.483	ng/u1	99
16) Acetophenone	8.604	105	320594	20.534	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.593	70	160794	20.160	ng/u1	96
18) 4-Methylphenol	8.575	108	223776	20.871	ng/u1	97
19) Hexachloroethane	8.863	117	76621	18.894	ng/u1	87
22) Nitrobenzene	8.981	77	236251	18.948	ng/u1	96
23) Isophorone	9.504	82	450919	18.317	ng/u1	100
25) 2-Nitrophenol	9.693	139	122027	19.351	ng/u1	99
26) 2,4-Dimethylphenol	9.769	107	257605	19.718	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.993	93	282636	18.761	ng/u1	99
29) 2,4-Dichlorophenol	10.246	162	210127	20.390	ng/u1	97
30) Naphthalene	10.628	128	682950	18.643	ng/u1	99
32) 4-Chloroaniline	10.740	127	315993	19.582	ng/u1	99
33) Hexachlorobutadiene	10.922	225	107954	18.245	ng/u1	99
34) Caprolactam	11.487	113	82697	20.549	ng/u1	91
35) 4-Chloro-3-methylphenol	11.892	107	248750	20.442	ng/u1	99
36) 2-Methylnaphthalene	12.240	142	488133	19.710	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.463	142	493662	19.533	ng/ul	95
39) 1,2,4,5-Tetrachloroben...	12.616	216	224470	18.657	ng/ul	97
40) Hexachlorocyclopentadiene	12.598	237	126724	17.315	ng/ul	100
41) 2,4,6-Trichlorophenol	12.857	196	165877	19.995	ng/ul	94
42) 2,4,5-Trichlorophenol	12.945	196	179688	19.557	ng/ul	98
43) 1,1'-Biphenyl	13.257	154	651657	18.655	ng/ul	98
44) 2-Chloronaphthalene	13.292	162	502217	18.952	ng/ul	97
45) 2-Nitroaniline	13.498	65	158873	19.271	ng/ul	95
47) Dimethylphthalate	13.881	163	633217	18.325	ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	130915	19.378	ng/ul	93
50) Acenaphthylene	14.139	152	847686	19.234	ng/ul	99
51) 3-Nitroaniline	14.322	138	137359	19.232	ng/ul	98
52) Acenaphthene	14.481	153	543047	18.864	ng/ul	100
53) 2,4-Dinitrophenol	14.534	184	92480	21.380	ng/ul	98
55) 4-Nitrophenol	14.669	109	96576	16.449	ng/ul	96
56) Dibenzofuran	14.822	168	764515	18.850	ng/ul	99
57) 2,4-Dinitrotoluene	14.786	165	198031	19.796	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.051	232	138948	19.265	ng/ul	92
59) Diethylphthalate	15.245	149	651350	18.309	ng/ul	98
61) Fluorene	15.469	166	610064	19.331	ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.463	204	280012	19.267	ng/ul	95
63) 4-Nitroaniline	15.486	138	128219	19.212	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.551	198	108042	18.891	ng/ul#	95
67) N-Nitrosodiphenylamine	15.675	169	530997	19.020	ng/ul	94
68) 4-Bromophenyl-phenylether	16.357	248	164779	19.430	ng/ul	93
69) Hexachlorobenzene	16.475	284	181016	18.569	ng/ul#	87
70) Atrazine	16.628	200	183877	18.877	ng/ul	97
71) Pentachlorophenol	16.822	266	135873	22.378	ng/ul	97
72) Phenanthrene	17.204	178	972866	18.930	ng/ul	100
74) Anthracene	17.292	178	988911	19.137	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.222	216	240613	18.451	ng/ul	99
76) Pentachlorobenzene	14.745	250	223987	19.434	ng/ul	99
77) Carbazole	17.563	167	921817	19.608	ng/ul	97
78) Di-n-butylphthalate	18.133	149	1122966	19.263	ng/ul	99
80) Fluoranthene	19.221	202	1117461	19.688	ng/ul	96
82) Pyrene	19.586	202	1134174	19.477	ng/ul	95
83) Butylbenzylphthalate	20.486	149	516547	19.711	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.268	252	324230	19.582	ng/ul#	95
85) Benzo(a)anthracene	21.333	228	1052688	19.230	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.274	149	746412	20.186	ng/ul	100
87) Chrysene	21.386	228	1000768	18.687	ng/ul	98
89) Di-n-octyl phthalate	22.168	149	1326949	22.392	ng/ul	100
90) Benzo(b)fluoranthene	22.962	252	950985	20.811	ng/ul#	97
91) Benzo(k)fluoranthene	23.010	252	884507	20.334	ng/ul	98
93) Benzo(a)pyrene	23.562	252	874565	19.772	ng/ul	95
94) Indeno(1,2,3-cd)pyrene	26.039	276	850811	18.695	ng/ul#	92
95) Dibenzo(a,h)anthracene	26.045	278	724855	18.648	ng/ul	96
96) Benzo(g,h,i)perylene	26.756	276	703370	18.302	ng/ul#	92

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

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