

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060722\
 Data File : BN020031.D
 Acq On : 07 Jun 2022 16:51
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020310

Quant Time: Jun 07 22:33:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 06 15:14:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	131690	20.000	ng/u1	0.00
20) Naphthalene-d8	10.610	136	617826	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.451	164	410386	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.192	188	866572	20.000	ng/u1	0.00
79) Chrysene-d12	21.380	240	841690	20.000	ng/u1	0.00
88) Perylene-d12	23.710	264	869955	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.281	96	23717	7.800	ng/uL	0.00
4) Pyridine-d5	3.687	84	159093	19.144	ng/u1	0.00
7) Phenol-d5	6.987	99	211239	19.385	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.152	67	133933	19.672	ng/u1	0.00
11) 2-Chlorophenol-d4	7.352	132	178216	20.128	ng/u1	0.00
15) 4-Methylphenol-d8	8.528	113	188969	20.044	ng/u1	0.00
21) Nitrobenzene-d5	8.975	128	92134	19.602	ng/u1	0.00
24) 2-Nitrophenol-d4	9.693	143	100300	20.107	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.234	165	173544	19.929	ng/u1	0.00
31) 4-Chloroaniline-d4	10.746	131	280561	19.895	ng/u1	0.00
46) Dimethylphthalate-d6	13.863	166	595384	19.939	ng/u1	0.00
49) Acenaphthylene-d8	14.140	160	689568	19.913	ng/u1	0.00
54) 4-Nitrophenol-d4	14.640	143	119648	19.996	ng/u1	0.00
60) Fluorene-d10	15.440	176	497269	20.125	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.563	200	98449	19.612	ng/u1	0.00
73) Anthracene-d10	17.287	188	748995	19.804	ng/u1	0.00
81) Pyrene-d10	19.586	212	867373	19.009	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.563	264	840462	19.745	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.317	88	24371	7.593	ng/uL	93
5) Pyridine	3.711	79	171235	19.655	ng/u1	95
6) Benzaldehyde	6.964	77	127237	24.781	ng/u1	88
8) Phenol	7.016	94	228396	19.683	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.246	93	179043	19.714	ng/u1	97
12) 2-Chlorophenol	7.387	128	184936	19.983	ng/u1	98
13) 2-Methylphenol	8.263	108	176928	19.834	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.358	45	285843	20.071	ng/u1	97
16) Acetophenone	8.640	105	294224	20.522	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.628	70	149478	20.409	ng/u1	94
18) 4-Methylphenol	8.587	108	197786	20.089	ng/u1	94
19) Hexachloroethane	8.905	117	73639	19.775	ng/u1	92
22) Nitrobenzene	9.016	77	214624	19.693	ng/u1	98
23) Isophorone	9.540	82	428175	19.898	ng/u1	98
25) 2-Nitrophenol	9.728	139	112809	20.466	ng/u1	96
26) 2,4-Dimethylphenol	9.793	107	229795	20.123	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.028	93	261925	19.891	ng/u1	98
29) 2,4-Dichlorophenol	10.257	162	179387	19.914	ng/u1	98
30) Naphthalene	10.663	128	632814	19.763	ng/u1	100
32) 4-Chloroaniline	10.769	127	281945	19.989	ng/u1	99
33) Hexachlorobutadiene	10.957	225	100740	19.479	ng/u1	97
34) Caprolactam	11.516	113	67275	19.125	ng/u1	96
35) 4-Chloro-3-methylphenol	11.899	107	218057	20.501	ng/u1	99
36) 2-Methylnaphthalene	12.275	142	445229	20.567	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.493	142	444964	20.143	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.646	216	200208	19.128	ng/ul	95
40) Hexachlorocyclopentadiene	12.634	237	118231	18.569	ng/ul	90
41) 2,4,6-Trichlorophenol	12.887	196	139385	19.313	ng/ul	100
42) 2,4,5-Trichlorophenol	12.951	196	158416	19.819	ng/ul	98
43) 1,1'-Biphenyl	13.287	154	598143	19.683	ng/ul	97
44) 2-Chloronaphthalene	13.328	162	451565	19.588	ng/ul	99
45) 2-Nitroaniline	13.522	65	145505	20.288	ng/ul	96
47) Dimethylphthalate	13.910	163	601118	19.997	ng/ul	99
48) 2,6-Dinitrotoluene	14.022	165	122588	20.858	ng/ul	95
50) Acenaphthylene	14.169	152	754414	19.677	ng/ul	99
51) 3-Nitroaniline	14.345	138	131268	21.127	ng/ul	99
52) Acenaphthene	14.516	153	495720	19.795	ng/ul	99
53) 2,4-Dinitrophenol	14.557	184	65522	17.413	ng/ul	95
55) 4-Nitrophenol	14.657	109	102274	20.024	ng/ul	98
56) Dibenzofuran	14.851	168	697704	19.775	ng/ul	99
57) 2,4-Dinitrotoluene	14.810	165	180600	20.753	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.075	232	127799	20.368	ng/ul	92
59) Diethylphthalate	15.275	149	618575	19.987	ng/ul	96
61) Fluorene	15.498	166	557564	20.309	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.492	204	251611	19.901	ng/ul	91
63) 4-Nitroaniline	15.510	138	130843	22.536	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.575	198	101129	19.871	ng/ul	94
67) N-Nitrosodiphenylamine	15.704	169	497536	20.027	ng/ul	97
68) 4-Bromophenyl-phenylether	16.387	248	151003	20.010	ng/ul	94
69) Hexachlorobenzene	16.504	284	167343	19.291	ng/ul#	91
70) Atrazine	16.657	200	177309	20.455	ng/ul	96
71) Pentachlorophenol	16.845	266	102711	19.010	ng/ul	94
72) Phenanthrene	17.234	178	907317	19.840	ng/ul	99
74) Anthracene	17.322	178	924579	20.106	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.251	216	218735	18.850	ng/ul	99
76) Pentachlorobenzene	14.775	250	201343	19.632	ng/ul	99
77) Carbazole	17.592	167	866736	20.718	ng/ul	97
78) Di-n-butylphthalate	18.163	149	1036860	19.988	ng/ul	100
80) Fluoranthene	19.251	202	1038044	18.836	ng/ul	98
82) Pyrene	19.616	202	1077291	19.054	ng/ul	96
83) Butylbenzylphthalate	20.516	149	489353	19.232	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.298	252	346749	21.569	ng/ul#	95
85) Benzo(a)anthracene	21.363	228	1043116	19.626	ng/ul	96
86) Bis(2-ethylhexyl)phtha...	21.304	149	717858	19.995	ng/ul	97
87) Chrysene	21.416	228	1025863	19.729	ng/ul	99
89) Di-n-octyl phthalate	22.204	149	1248734	17.636	ng/ul	100
90) Benzo(b)fluoranthene	23.010	252	1076444	19.715	ng/ul	98
91) Benzo(k)fluoranthene	23.051	252	1043578	20.078	ng/ul	97
93) Benzo(a)pyrene	23.610	252	1054288	19.948	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	26.104	276	1121055	20.616	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.121	278	955682	20.576	ng/ul	98
96) Benzo(g,h,i)perylene	26.845	276	967971	21.080	ng/ul#	95

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

