

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021424\
 Data File : BN029818.D
 Acq On : 15 Feb 2024 22:04
 Operator : MA/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020310

Quant Time: Feb 15 23:05:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN020724.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 13 22:50:45 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.869	152	168753	20.000	ng/u1	0.00
20) Naphthalene-d8	10.663	136	702260	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.510	164	391347	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.263	188	802582	20.000	ng/u1	0.00
79) Chrysene-d12	21.468	240	711652	20.000	ng/u1	# 0.00
88) Perylene-d12	23.839	264	778241	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.316	96	35657	6.950	ng/uL	0.00
4) Pyridine-d5	3.728	84	234568	17.144	ng/u1	0.00
7) Phenol-d5	7.034	99	299819	18.995	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	187565	17.805	ng/u1	0.00
11) 2-Chlorophenol-d4	7.393	132	237054	20.725	ng/u1	0.00
15) 4-Methylphenol-d8	8.581	113	234784	19.945	ng/u1	0.00
21) Nitrobenzene-d5	9.034	128	114685	21.041	ng/u1	0.00
24) 2-Nitrophenol-d4	9.751	143	116729	24.590	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.287	165	207580	22.154	ng/u1	0.00
31) 4-Chloroaniline-d4	10.810	131	319521	19.989	ng/u1	0.00
46) Dimethylphthalate-d6	13.933	166	604543	20.749	ng/u1	0.00
49) Acenaphthylene-d8	14.204	160	700056	20.232	ng/u1	0.00
54) 4-Nitrophenol-d4	14.722	143	110867	20.048	ng/u1	0.00
60) Fluorene-d10	15.504	176	506064	20.417	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.633	200	78660	20.114	ng/u1	0.00
73) Anthracene-d10	17.363	188	763442	20.297	ng/u1	0.00
81) Pyrene-d10	19.663	212	841468	19.703	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.680	264	807978	20.748	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.352	88	38174	7.184	ng/uL	91
5) Pyridine	3.746	79	245026	17.310	ng/u1	96
6) Benzaldehyde	7.016	77	173695	24.549	ng/u1	94
8) Phenol	7.063	94	307156	18.987	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.304	93	250487	18.414	ng/u1	94
12) 2-Chlorophenol	7.428	128	244508	20.375	ng/u1	97
13) 2-Methylphenol	8.310	108	227540	19.492	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.393	45	300203	16.898	ng/u1	96
16) Acetophenone	8.698	105	366623	19.568	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.681	70	198725	20.545	ng/u1	99
18) 4-Methylphenol	8.646	108	243327	19.726	ng/u1	99
19) Hexachloroethane	8.934	117	105864	19.009	ng/u1	95
22) Nitrobenzene	9.075	77	295794	19.154	ng/u1	100
23) Isophorone	9.598	82	538065	20.003	ng/u1	99
25) 2-Nitrophenol	9.787	139	127690	23.556	ng/u1	96
26) 2,4-Dimethylphenol	9.845	107	265284	20.420	ng/u1	95
27) Bis(2-Chloroethoxy)met...	10.093	93	324199	18.964	ng/u1	100
29) 2,4-Dichlorophenol	10.316	162	209422	21.631	ng/u1	98
30) Naphthalene	10.716	128	780825	19.452	ng/u1	98
32) 4-Chloroaniline	10.834	127	312932	19.831	ng/u1	98
33) Hexachlorobutadiene	10.987	225	127141	21.278	ng/u1	96
34) Caprolactam	11.610	113	68054	21.124	ng/u1	87
35) 4-Chloro-3-methylphenol	11.963	107	245879	21.987	ng/u1	99
36) 2-Methylnaphthalene	12.328	142	502810	20.434	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.551	142	492391	20.184	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.692	216	228333	19.684	ng/ul	97
40) Hexachlorocyclopentadiene	12.669	237	117923	15.552	ng/ul	99
41) 2,4,6-Trichlorophenol	12.945	196	148069	22.146	ng/ul	96
42) 2,4,5-Trichlorophenol	13.010	196	164201	21.856	ng/ul	99
43) 1,1'-Biphenyl	13.345	154	638435	19.344	ng/ul	98
44) 2-Chloronaphthalene	13.386	162	489203	19.072	ng/ul	98
45) 2-Nitroaniline	13.598	65	159155	21.104	ng/ul	95
47) Dimethylphthalate	13.981	163	605052	20.287	ng/ul	99
48) 2,6-Dinitrotoluene	14.104	165	118027	22.115	ng/ul	93
50) Acenaphthylene	14.233	152	823722	19.836	ng/ul	99
51) 3-Nitroaniline	14.428	138	127604	20.544	ng/ul	96
52) Acenaphthene	14.575	153	539742	19.676	ng/ul	94
53) 2,4-Dinitrophenol	14.639	184	49299	18.202	ng/ul	92
55) 4-Nitrophenol	14.739	109	102548	20.280	ng/ul	94
56) Dibenzofuran	14.910	168	720963	19.903	ng/ul	98
57) 2,4-Dinitrotoluene	14.892	165	174845	23.270	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.139	232	130425	24.461	ng/ul	98
59) Diethylphthalate	15.351	149	649912	21.214	ng/ul	99
61) Fluorene	15.563	166	598631	20.907	ng/ul	94
62) 4-Chlorophenyl-phenyle...	15.563	204	269556	21.049	ng/ul	98
63) 4-Nitroaniline	15.592	138	130676	23.310	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.651	198	85700	19.878	ng/ul	93
67) N-Nitrosodiphenylamine	15.780	169	488181	19.519	ng/ul	98
68) 4-Bromophenyl-phenylether	16.457	248	163212	21.485	ng/ul	88
69) Hexachlorobenzene	16.557	284	181502	21.198	ng/ul	93
70) Atrazine	16.739	200	164659	21.073	ng/ul	97
71) Pentachlorophenol	16.910	266	111690	22.461	ng/ul	94
72) Phenanthrene	17.304	178	929980	20.031	ng/ul	97
74) Anthracene	17.398	178	953055	20.455	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.304	216	226236	19.209	ng/uL	100
76) Pentachlorobenzene	14.822	250	206940	19.623	ng/uL	99
77) Carbazole	17.674	167	851184	20.001	ng/ul	99
78) Di-n-butylphthalate	18.251	149	1127927	22.041	ng/ul	99
80) Fluoranthene	19.327	202	1040931	20.065	ng/ul	97
82) Pyrene	19.692	202	1071108	19.517	ng/ul	95
83) Butylbenzylphthalate	20.615	149	523275	23.395	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.392	252	291601	21.155	ng/ul	96
85) Benzo(a)anthracene	21.451	228	1035419	19.806	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.398	149	808841	23.378	ng/ul	98
87) Chrysene	21.504	228	980841	20.020	ng/ul	97
89) Di-n-octyl phthalate	22.327	149	1392152	23.077	ng/ul	100
90) Benzo(b)fluoranthene	23.115	252	1014304	20.692	ng/ul	95
91) Benzo(k)fluoranthene	23.162	252	1003882	20.008	ng/ul	98
93) Benzo(a)pyrene	23.733	252	958515	20.390	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.286	276	1116815	19.510	ng/ul	97
95) Dibenzo(a,h)anthracene	26.315	278	924714	19.787	ng/ul	95
96) Benzo(g,h,i)perylene	27.033	276	908942	18.985	ng/ul	94

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

