

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061522\
 Data File : BN020223.D
 Acq On : 17 Jun 2022 02:56
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD020325

Quant Time: Jun 17 04:14:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN060622.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 16 00:50:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	130590	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	613231	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.422	164	401691	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.163	188	847055	20.000	ng/u1	0.00
79) Chrysene-d12	21.351	240	842949	20.000	ng/u1	-0.01
88) Perylene-d12	23.663	264	797894	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.258	96	24551	8.143	ng/uL	0.00
4) Pyridine-d5	3.664	84	159793	19.390	ng/u1	-0.01
7) Phenol-d5	6.987	99	216397	20.026	ng/u1	0.02
9) Bis-(2-Chloroethyl)eth...	7.122	67	136053	20.152	ng/u1	0.00
11) 2-Chlorophenol-d4	7.334	132	180320	20.537	ng/u1	0.00
15) 4-Methylphenol-d8	8.516	113	188995	20.216	ng/u1	0.01
21) Nitrobenzene-d5	8.946	128	91258	19.561	ng/u1	0.00
24) 2-Nitrophenol-d4	9.663	143	100928	20.385	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.216	165	177427	20.527	ng/u1	0.00
31) 4-Chloroaniline-d4	10.716	131	282243	20.164	ng/u1	0.00
46) Dimethylphthalate-d6	13.834	166	578368	19.788	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	686736	20.261	ng/u1	0.00
54) 4-Nitrophenol-d4	14.663	143	109168	18.639	ng/u1	0.04
60) Fluorene-d10	15.410	176	490288	20.272	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.534	200	99405	20.259	ng/u1	0.00
73) Anthracene-d10	17.263	188	772435	20.895	ng/u1	0.00
81) Pyrene-d10	19.557	212	888299	19.439	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.516	264	793185	20.318	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.293	88	26005	8.170	ng/uL	92
5) Pyridine	3.681	79	168686	19.525	ng/u1	90
6) Benzaldehyde	6.934	77	117383	23.054	ng/u1	94
8) Phenol	7.011	94	233229	20.269	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.216	93	181094	20.108	ng/u1	97
12) 2-Chlorophenol	7.363	128	187831	20.466	ng/u1	99
13) 2-Methylphenol	8.252	108	179964	20.344	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.322	45	286889	20.315	ng/u1	96
16) Acetophenone	8.610	105	297197	20.904	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.599	70	146219	20.132	ng/u1	95
18) 4-Methylphenol	8.581	108	202245	20.715	ng/u1	99
19) Hexachloroethane	8.869	117	73154	19.810	ng/u1	93
22) Nitrobenzene	8.987	77	216163	19.983	ng/u1	96
23) Isophorone	9.510	82	415002	19.431	ng/u1	99
25) 2-Nitrophenol	9.699	139	112079	20.486	ng/u1	99
26) 2,4-Dimethylphenol	9.775	107	229679	20.264	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.993	93	259405	19.847	ng/u1	97
29) 2,4-Dichlorophenol	10.246	162	184539	20.640	ng/u1	98
30) Naphthalene	10.628	128	643471	20.247	ng/u1	100
32) 4-Chloroaniline	10.740	127	282031	20.145	ng/u1	98
33) Hexachlorobutadiene	10.922	225	101935	19.858	ng/u1	97
34) Caprolactam	11.493	113	64315	18.421	ng/u1	97
35) 4-Chloro-3-methylphenol	11.893	107	222421	21.068	ng/u1	97
36) 2-Methylnaphthalene	12.246	142	437144	20.345	ng/u1	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.463	142	443135	20.210	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.616	216	203120	19.826	ng/ul	97
40) Hexachlorocyclopentadiene	12.598	237	111022	17.815	ng/ul	96
41) 2,4,6-Trichlorophenol	12.857	196	143891	20.369	ng/ul	94
42) 2,4,5-Trichlorophenol	12.951	196	162111	20.721	ng/ul	97
43) 1,1'-Biphenyl	13.257	154	593390	19.950	ng/ul	99
44) 2-Chloronaphthalene	13.293	162	456836	20.245	ng/ul	97
45) 2-Nitroaniline	13.498	65	142382	20.282	ng/ul	95
47) Dimethylphthalate	13.881	163	569798	19.366	ng/ul	99
48) 2,6-Dinitrotoluene	13.998	165	114310	19.870	ng/ul	97
50) Acenaphthylene	14.140	152	751702	20.031	ng/ul	99
51) 3-Nitroaniline	14.328	138	121554	19.987	ng/ul	100
52) Acenaphthene	14.481	153	493850	20.147	ng/ul	97
53) 2,4-Dinitrophenol	14.534	184	80134	21.757	ng/ul	93
55) 4-Nitrophenol	14.675	109	92264	18.455	ng/ul	99
56) Dibenzofuran	14.816	168	695202	20.131	ng/ul	99
57) 2,4-Dinitrotoluene	14.787	165	179105	21.027	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.051	232	125181	20.383	ng/ul#	86
59) Diethylphthalate	15.245	149	599143	19.778	ng/ul	99
61) Fluorene	15.469	166	557207	20.735	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.463	204	256315	20.712	ng/ul	93
63) 4-Nitroaniline	15.487	138	119998	21.115	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.551	198	101680	20.440	ng/ul	97
67) N-Nitrosodiphenylamine	15.675	169	494030	20.344	ng/ul	96
68) 4-Bromophenyl-phenylether	16.357	248	147943	20.056	ng/ul	93
69) Hexachlorobenzene	16.475	284	172324	20.323	ng/ul	93
70) Atrazine	16.628	200	171299	20.217	ng/ul	97
71) Pentachlorophenol	16.822	266	99068	18.758	ng/ul	96
72) Phenanthrene	17.204	178	920641	20.595	ng/ul	99
74) Anthracene	17.292	178	924937	20.577	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.222	216	219164	19.322	ng/ul	97
76) Pentachlorobenzene	14.745	250	200761	20.026	ng/ul	97
77) Carbazole	17.563	167	880325	21.528	ng/ul	97
78) Di-n-butylphthalate	18.133	149	1032478	20.362	ng/ul	99
80) Fluoranthene	19.222	202	1093368	19.810	ng/ul	97
82) Pyrene	19.586	202	1120795	19.794	ng/ul#	95
83) Butylbenzylphthalate	20.492	149	512759	20.122	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.269	252	343397	21.329	ng/ul#	93
85) Benzo(a)anthracene	21.339	228	1067117	20.048	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.274	149	744552	20.708	ng/ul	99
87) Chrysene	21.386	228	1020970	19.605	ng/ul	100
89) Di-n-octyl phthalate	22.169	149	1357020	20.896	ng/ul	100
90) Benzo(b)fluoranthene	22.963	252	1025973	20.488	ng/ul#	95
91) Benzo(k)fluoranthene	23.010	252	973687	20.425	ng/ul	98
93) Benzo(a)pyrene	23.563	252	981452	20.247	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.039	276	995728	19.966	ng/ul#	89
95) Dibenzo(a,h)anthracene	26.051	278	866745	20.347	ng/ul	98
96) Benzo(g,h,i)perylene	26.762	276	834894	19.824	ng/ul#	93

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

