

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100220\
 Data File : BN012053.D
 Acq On : 03 Oct 2020 01:08
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02059

Manual Integrations
 APPROVED

mohammad
 10/5/2020 10:30:00 AM

Quant Time: Oct 03 02:14:42 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 03 02:12:24 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	257989	20.00	ng/ul	0.00
18) Naphthalene-d8	10.434	136	1001792	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.298	164	595777	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.045	188	1281846	20.00	ng/ul	0.00
78) Chrysene-d12	21.239	240	1295632	20.00	ng/ul	0.00
86) Perylene-d12	23.445	264	1375555	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.193	96	50213	8.47	ng/uL	0.00
5) Phenol-d5	6.828	99	438707	20.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	6.999	67	273834	20.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.193	132	357419	20.53	ng/ul	0.00
13) 4-Methylphenol-d8	8.357	113	354581	20.92	ng/ul	0.00
19) Nitrobenzene-d5	8.804	128	165538	20.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.522	143	181401	21.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.051	165	351159	21.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.569	131	344859	17.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.710	166	995189	21.29	ng/ul	0.00
47) Acenaphthylene-d8	13.986	160	1198010	21.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.492	143	172473	20.04	ng/ul	0.00
58) Fluorene-d10	15.292	176	878434	21.54	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.410	200	156911	19.18	ng/ul	0.00
71) Anthracene-d10	17.145	188	1333053	21.45	ng/ul	0.00
79) Pyrene-d10	19.445	212	1446395	21.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.304	264	1614967	20.92	ng/ul	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.228	88	62701	8.42	ng/uL	90
4) Benzaldehyde	6.810	77	206892	16.69	ng/ul	99
6) Phenol	6.857	94	471779	21.06	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.093	93	374674	20.59	ng/ul	98
10) 2-Chlorophenol	7.222	128	383250	21.28	ng/ul	99
11) 2-Methylphenol	8.099	108	342548	20.59	ng/ul	96
12) 2,2'-oxybis(1-Chloropr...	8.193	45	481515	20.52	ng/ul	98
14) Acetophenone	8.475	105	561226	20.78	ng/ul	100
15) N-Nitroso-di-n-propyla...	8.463	70	285241	21.04	ng/ul	95
16) 4-Methylphenol	8.422	108	377873	21.18	ng/ul	98
17) Hexachloroethane	8.728	117	168249	20.53	ng/ul	97
20) Nitrobenzene	8.846	77	462563	21.04	ng/ul	99
21) Isophorone	9.375	82	757504	20.55	ng/ul	97
23) 2-Nitrophenol	9.551	139	204299	21.47	ng/ul	98
24) 2,4-Dimethylphenol	9.616	107	427702	20.71	ng/ul	98
25) Bis(2-Chloroethoxy)met...	9.857	93	478236	20.68	ng/ul	98
27) 2,4-Dichlorophenol	10.081	162	345941	20.71	ng/ul	95
28) Naphthalene	10.481	128	1216314	21.21	ng/ul	99
30) 4-Chloroaniline	10.593	127	340999	17.41	ng/ul	98
31) Hexachlorobutadiene	10.769	225	229016	20.25	ng/ul	96
32) Caprolactam	11.363	113	92642m	20.11	ng/ul	
33) 4-Chloro-3-methylphenol	11.722	107	379224	20.89	ng/ul	96
34) 2-Methylnaphthalene	12.098	142	807271	20.49	ng/ul	95
35) 1-Methylnaphthalene	12.322	142	807048	20.73	ng/uL	99
37) 1,2,4,5-Tetrachloroben...	12.475	216	403532	20.91	ng/ul	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.457	237	274540	20.12	ng/ul	97
39) 2,4,6-Trichlorophenol	12.716	196	263159	21.75	ng/ul	92
40) 2,4,5-Trichlorophenol	12.787	196	281207	21.54	ng/ul	96
41) 1,1'-Biphenyl	13.128	154	1079141	21.87	ng/ul	98
42) 2-Chloronaphthalene	13.163	162	841294	21.41	ng/ul	99
43) 2-Nitroaniline	13.369	65	234098	20.78	ng/ul	99
45) Dimethylphthalate	13.757	163	1040989	21.62	ng/ul	99
46) 2,6-Dinitrotoluene	13.875	165	206297	21.95	ng/ul	93
48) Acenaphthylene	14.016	152	1272801	21.72	ng/ul	99
49) 3-Nitroaniline	14.204	138	154679	18.03	ng/ul#	97
50) Acenaphthene	14.363	153	919114	21.82	ng/ul	98
51) 2,4-Dinitrophenol	14.410	184	108671	18.96	ng/ul	93
53) 4-Nitrophenol	14.510	109	168684	21.04	ng/ul	96
54) Dibenzofuran	14.698	168	1228261	21.37	ng/ul	99
55) 2,4-Dinitrotoluene	14.663	165	299427	21.94	ng/ul#	100
56) 2,3,4,6-Tetrachlorophenol	14.922	232	232216	21.31	ng/ul	94
57) Diethylphthalate	15.128	149	1071918	21.63	ng/ul	97
59) Fluorene	15.351	166	1041146	21.61	ng/ul	99
60) 4-Chlorophenyl-phenyle...	15.351	204	494087	21.01	ng/ul	99
61) 4-Nitroaniline	15.369	138	177284	19.13	ng/ul	92
64) 4,6-Dinitro-2-methylph...	15.422	198	172938	19.44	ng/ul	95
65) N-Nitrosodiphenylamine	15.563	169	846354	20.70	ng/ul	96
66) 4-Bromophenyl-phenylether	16.239	248	297102	20.27	ng/ul	92
67) Hexachlorobenzene	16.351	284	373104	21.81	ng/ul	93
68) Atrazine	16.516	200	306135	20.47	ng/ul	96
69) Pentachlorophenol	16.692	266	195812	19.31	ng/ul	99
70) Phenanthrene	17.086	178	1616426	20.70	ng/ul	99
72) Anthracene	17.175	178	1655996	21.00	ng/ul	99
73) 1,2,3,4-Tetrachloroben...	13.087	216	391080	20.99	ng/uL	96
74) Pentachlorobenzene	14.616	250	413026	21.61	ng/uL	95
75) Carbazole	17.445	167	1424830	20.81	ng/ul	99
76) Di-n-butylphthalate	18.022	149	1850031	21.28	ng/ul	100
77) Fluoranthene	19.110	202	1874149	21.37	ng/ul	99
80) Pyrene	19.474	202	1969099	21.07	ng/ul	99
81) Butylbenzylphthalate	20.386	149	807967	21.03	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.163	252	531845	17.64	ng/ul	94
83) Benzo(a)anthracene	21.227	228	1867723	21.40	ng/ul	99
84) Bis(2-ethylhexyl)phtha...	21.168	149	1215460	20.61	ng/ul	99
85) Chrysene	21.280	228	1859709	21.67	ng/ul	98
87) Di-n-octyl phthalate	22.039	149	2119046	20.74	ng/ul	100
88) Benzo(b)fluoranthene	22.792	252	2019432	20.96	ng/ul	98
89) Benzo(k)fluoranthene	22.833	252	1991560	20.98	ng/ul	96
91) Benzo(a)pyrene	23.351	252	1835299	21.00	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.656	276	2277506	20.40	ng/ul	95
93) Dibenzo(a,h)anthracene	25.668	278	1942872	21.13	ng/ul	98
94) Benzo(g,h,i)perylene	26.333	276	1997178	21.01	ng/ul	97

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

