

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100820\
 Data File : BN012102.D
 Acq On : 08 Oct 2020 14:46
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02066

Manual Integrations
 APPROVED

mohammad
 10/12/2020 11:32:55 AM

Quant Time: Oct 08 15:36:13 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN100220.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 08 15:35:30 2020
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	281069	20.00	ng/ul	0.00
18) Naphthalene-d8	10.422	136	1172011	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.286	164	697955	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.033	188	1494900	20.00	ng/ul	0.00
78) Chrysene-d12	21.239	240	1471126	20.00	ng/ul	0.00
86) Perylene-d12	23.433	264	1550348	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.187	96	58826	9.11	ng/uL	0.00
5) Phenol-d5	6.822	99	462736	19.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	6.987	67	279751	19.41	ng/ul	0.00
9) 2-Chlorophenol-d4	7.181	132	377486	19.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.352	113	374996	20.31	ng/ul	0.00
19) Nitrobenzene-d5	8.799	128	180037	19.35	ng/ul	0.00
22) 2-Nitrophenol-d4	9.516	143	198860	19.76	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.046	165	365057	18.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.557	131	454963	19.99	ng/ul	0.00
44) Dimethylphthalate-d6	13.698	166	1053103	19.23	ng/ul	0.00
47) Acenaphthylene-d8	13.975	160	1285873	19.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.492	143	192985	19.14	ng/ul	0.00
58) Fluorene-d10	15.286	176	905349	18.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylph...	15.410	200	178595	18.72	ng/ul	0.00
71) Anthracene-d10	17.133	188	1357919	18.73	ng/ul	0.00
79) Pyrene-d10	19.433	212	1457147	18.83	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.298	264	1624075	18.67	ng/ul	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.216	88	60996	7.52	ng/uL	95
4) Benzaldehyde	6.799	77	317976	23.55	ng/ul	97
6) Phenol	6.852	94	502885	20.61	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.081	93	387160	19.53	ng/ul	100
10) 2-Chlorophenol	7.216	128	404118	20.60	ng/ul	96
11) 2-Methylphenol	8.087	108	372617	20.56	ng/ul	98
12) 2,2'-oxybis(1-Chloropr...	8.175	45	512838	20.06	ng/ul	98
14) Acetophenone	8.463	105	613289	20.84	ng/ul	97
15) N-Nitroso-di-n-propyla...	8.451	70	312333	21.15	ng/ul	96
16) 4-Methylphenol	8.410	108	400211	20.59	ng/ul	90
17) Hexachloroethane	8.716	117	167817	18.80	ng/ul	98
20) Nitrobenzene	8.840	77	462296	17.97	ng/ul	97
21) Isophorone	9.363	82	829246	19.23	ng/ul	97
23) 2-Nitrophenol	9.546	139	218025	19.58	ng/ul	96
24) 2,4-Dimethylphenol	9.610	107	458391	18.98	ng/ul	97
25) Bis(2-Chloroethoxy)met...	9.846	93	505044	18.67	ng/ul	99
27) 2,4-Dichlorophenol	10.075	162	368117	18.83	ng/ul	99
28) Naphthalene	10.475	128	1253710	18.69	ng/ul	99
30) 4-Chloroaniline	10.587	127	485134	21.17	ng/ul	97
31) Hexachlorobutadiene	10.757	225	229240	17.32	ng/ul	97
32) Caprolactam	11.363	113	114050m	21.16	ng/ul	
33) 4-Chloro-3-methylphenol	11.710	107	415786	19.57	ng/ul	98
34) 2-Methylnaphthalene	12.087	142	858503	18.62	ng/ul	93
35) 1-Methylnaphthalene	12.310	142	810782	17.80	ng/uL	99
37) 1,2,4,5-Tetrachloroben...	12.463	216	434678	19.23	ng/ul	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
38) Hexachlorocyclopentadiene	12.440	237	293212	18.34	ng/ul	99
39) 2,4,6-Trichlorophenol	12.704	196	286869	20.24	ng/ul	86
40) 2,4,5-Trichlorophenol	12.775	196	307964	20.14	ng/ul	88
41) 1,1'-Biphenyl	13.116	154	1108499	19.17	ng/ul	97
42) 2-Chloronaphthalene	13.151	162	857542	18.62	ng/ul	97
43) 2-Nitroaniline	13.363	65	263898	20.00	ng/ul	93
45) Dimethylphthalate	13.751	163	1098533	19.47	ng/ul	99
46) 2,6-Dinitrotoluene	13.869	165	220980	20.07	ng/ul	89
48) Acenaphthylene	14.004	152	1321877	19.25	ng/ul	99
49) 3-Nitroaniline	14.192	138	219768	21.87	ng/ul	90
50) Acenaphthene	14.351	153	934804	18.94	ng/ul	97
51) 2,4-Dinitrophenol	14.404	184	126675	18.87	ng/ul	86
53) 4-Nitrophenol	14.504	109	169886	18.09	ng/ul	95
54) Dibenzofuran	14.686	168	1280600	19.02	ng/ul	95
55) 2,4-Dinitrotoluene	14.657	165	323885	20.26	ng/ul#	95
56) 2,3,4,6-Tetrachlorophenol	14.916	232	257775	20.20	ng/ul	95
57) Diethylphthalate	15.122	149	1101999	18.98	ng/ul	99
59) Fluorene	15.339	166	1073116	19.01	ng/ul	99
60) 4-Chlorophenyl-phenyle...	15.339	204	515866	18.72	ng/ul	96
61) 4-Nitroaniline	15.357	138	232057	21.37	ng/ul	87
64) 4,6-Dinitro-2-methylph...	15.422	198	187568	18.08	ng/ul	97
65) N-Nitrosodiphenylamine	15.551	169	918720	19.27	ng/ul	95
66) 4-Bromophenyl-phenylether	16.233	248	306480	17.93	ng/ul	98
67) Hexachlorobenzene	16.345	284	361457	18.12	ng/ul	90
68) Atrazine	16.510	200	326010	18.69	ng/ul	97
69) Pentachlorophenol	16.686	266	223150	18.87	ng/ul	96
70) Phenanthrene	17.080	178	1709382	18.77	ng/ul	97
72) Anthracene	17.169	178	1688891	18.37	ng/ul	97
73) 1,2,3,4-Tetrachloroben...	13.075	216	410514	18.89	ng/uL	95
74) Pentachlorobenzene	14.610	250	411249	18.45	ng/uL	97
75) Carbazole	17.439	167	1537091	19.25	ng/ul	100
76) Di-n-butylphthalate	18.010	149	1858549	18.33	ng/ul	99
77) Fluoranthene	19.098	202	1922783	18.80	ng/ul	98
80) Pyrene	19.463	202	1917011	18.07	ng/ul	98
81) Butylbenzylphthalate	20.380	149	893178	20.47	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.157	252	708821	20.71	ng/ul	94
83) Benzo(a)anthracene	21.221	228	1836801	18.53	ng/ul	99
84) Bis(2-ethylhexyl)phtha...	21.163	149	1311861	19.59	ng/ul	98
85) Chrysene	21.274	228	1807195	18.55	ng/ul	98
87) Di-n-octyl phthalate	22.033	149	2254454	19.58	ng/ul	100
88) Benzo(b)fluoranthene	22.780	252	1927635	17.75	ng/ul	99
89) Benzo(k)fluoranthene	22.821	252	2001405	18.71	ng/ul	98
91) Benzo(a)pyrene	23.345	252	1696445	17.22	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.639	276	2305829	18.33	ng/ul	96
93) Dibenzo(a,h)anthracene	25.656	278	1896307	18.30	ng/ul	99
94) Benzo(g,h,i)perylene	26.315	276	1886681	17.61	ng/ul	99

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

