

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
 Data File : BN003241.D
 Acq On : 20 Oct 2018 11:28
 Operator : MJ/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 SSTD02023

Manual Integrations
 APPROVED

Sohil
 10/22/2018 4:53:30 PM

Quant Time: Oct 22 05:37:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 22 04:05:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	83043	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	407324	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	258456	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	605038	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	704537	20.00	ng/ul	0.00
85) Perylene-d12	23.42	264	723614	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.18	96	11860	7.37	ng/uL	0.00
5) Phenol-d5	6.81	99	157185	19.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	93187	20.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	128783	20.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	130912	20.45	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	65062	20.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	76354	20.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	141421	21.27	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	108095	20.16	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	428277	19.45	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	552489	20.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	55777	18.38	ng/ul	0.00
57) Fluorene-d10	15.25	176	386979	20.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	78542	19.33	ng/ul	0.00
70) Anthracene-d10	17.10	188	604912	20.19	ng/ul	0.00
78) Pyrene-d10	19.40	212	690273	20.22	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.28	264	807775	20.65	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.21	88	13628	7.321 ng/uL	94
4) Benzaldehyde	6.77	77	27766m	20.385 ng/ul	
6) Phenol	6.83	94	161108	20.358 ng/ul	99
8) Bis(2-Chloroethyl)ether	7.04	93	119129	20.151 ng/ul	98
10) 2-Chlorophenol	7.18	128	126887	20.658 ng/ul	96
11) 2-Methylphenol	8.06	108	125270	20.322 ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.13	45	174332	20.071 ng/ul	99
14) Acetophenone	8.42	105	194696	19.934 ng/ul	97
15) N-Nitroso-di-n-propylamine	8.40	70	97977	19.829 ng/ul	99
16) 4-Methylphenol	8.39	108	138225	20.692 ng/ul	97
17) Hexachloroethane	8.66	117	48468	20.830 ng/ul	92
20) Nitrobenzene	8.80	77	143300	20.153 ng/ul	97
21) Isophorone	9.32	82	280652	19.570 ng/ul	99
23) 2-Nitrophenol	9.51	139	78527	20.824 ng/ul	92
24) 2,4-Dimethylphenol	9.57	107	153983	20.969 ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.80	93	175159	19.829 ng/ul	97
27) 2,4-Dichlorophenol	10.05	162	133874	21.098 ng/ul	99
28) Naphthalene	10.42	128	431336	20.030 ng/ul	99
30) 4-Chloroaniline	10.55	127	107472	19.712 ng/ul	94
31) Hexachlorobutadiene	10.70	225	79391	20.649 ng/ul	95
32) Caprolactam	11.31	113	46059m	19.405 ng/ul	
33) 4-Chloro-3-methylphenol	11.70	107	146081	20.772 ng/ul	99
34) 2-Methylnaphthalene	12.05	142	324847	20.168 ng/ul	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101918\
 Data File : BN003241.D
 Acq On : 20 Oct 2018 11:28
 Operator : MJ/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 SSTD02023

Manual Integrations
 APPROVED

Sohil
 10/22/2018 4:53:30 PM

Quant Time: Oct 22 05:37:23 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN101918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 22 04:05:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.42	216	164555	20.252	ng/ul	97
37) Hexachlorocyclopentadiene	12.39	237	44576	14.098	ng/ul	99
38) 2,4,6-Trichlorophenol	12.69	196	111074	20.982	ng/ul	95
39) 2,4,5-Trichlorophenol	12.77	196	113547	20.344	ng/ul	98
40) 1,1'-Biphenyl	13.07	154	424697	20.222	ng/ul	98
41) 2-Chloronaphthalene	13.11	162	331563	20.247	ng/ul	97
42) 2-Nitroaniline	13.34	65	97609	21.139	ng/ul	97
44) Dimethylphthalate	13.71	163	408714	18.986	ng/ul	99
45) 2,6-Dinitrotoluene	13.85	165	90631	21.004	ng/ul	98
47) Acenaphthylene	13.96	152	513240	20.285	ng/ul	99
48) 3-Nitroaniline	14.18	138	79201	20.023	ng/ul	99
49) Acenaphthene	14.31	153	363664	20.122	ng/ul	98
50) 2,4-Dinitrophenol	14.42	184	40203	17.457	ng/ul	99
52) 4-Nitrophenol	14.52	109	46852m	21.795	ng/ul	
53) Dibenzofuran	14.65	168	512691	20.074	ng/ul	97
54) 2,4-Dinitrotoluene	14.65	165	131564	20.072	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.89	232	92900	19.195	ng/ul	99
56) Diethylphthalate	15.08	149	420825	19.452	ng/ul	97
58) Fluorene	15.30	166	422226	19.965	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.30	204	208857	19.673	ng/ul	97
60) 4-Nitroaniline	15.35	138	88590	19.156	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.42	198	79436	19.378	ng/ul#	98
64) N-Nitrosodiphenylamine	15.52	169	369465	20.154	ng/ul	100
65) 4-Bromophenyl-phenylether	16.19	248	135978	20.575	ng/ul	99
66) Hexachlorobenzene	16.32	284	153178	20.298	ng/ul	99
67) Atrazine	16.48	200	132171	20.299	ng/ul	98
68) Pentachlorophenol	16.67	266	34377	11.289	ng/ul	96
69) Phenanthrene	17.05	178	690262	20.204	ng/ul	100
71) Anthracene	17.14	178	705402	20.257	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.04	216	166849	20.720	ng/uL	97
73) Pentachlorobenzene	14.57	250	170580	20.211	ng/uL	98
74) Carbazole	17.42	167	640372	20.573	ng/ul	99
75) Di-n-butylphthalate	17.97	149	768231	20.456	ng/ul	99
76) Fluoranthene	19.07	202	840128	21.027	ng/ul	100
79) Pyrene	19.44	202	853616	20.115	ng/ul	99
80) Butylbenzylphthalate	20.34	149	385638	21.020	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.13	252	299319	20.391	ng/ul	98
82) Benzo(a)anthracene	21.20	228	890572	20.217	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.12	149	574731	20.968	ng/ul	100
84) Chrysene	21.25	228	836105	20.209	ng/ul	99
86) Di-n-octyl phthalate	21.99	149	1029878	22.123	ng/ul	100
87) Benzo(b)fluoranthene	22.76	252	892451	20.378	ng/ul	98
88) Benzo(k)fluoranthene	22.80	252	894180	21.619	ng/ul	98
90) Benzo(a)pyrene	23.32	252	860536	20.532	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.62	276	921461	18.224	ng/ul	99
92) Dibenzo(a,h)anthracene	25.62	278	775234	18.260	ng/ul	99
93) Benzo(g,h,i)perylene	26.30	276	743543	17.602	ng/ul	99

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

