

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080318\
 Data File : BN002233.D
 Acq On : 03 Aug 2018 21:39
 Operator : JU/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02024

Manual Integrations
 APPROVED

Sohil
 8/6/2018 12:49:23 PM

Quant Time: Aug 04 03:55:55 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 04 03:46:32 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	271160	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	1222434	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	682164	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1412118	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	1055540	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	917115	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	46416	7.72	ng/uL	0.00
5) Phenol-d5	6.87	99	485092	19.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	308364	19.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	382746	18.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	384675	18.70	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	194260	19.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	212028	18.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	391646	18.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	528518	22.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1129096	19.53	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1456660	20.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	186293	16.86	ng/ul	0.00
57) Fluorene-d10	15.32	176	967654	19.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	170149	18.50	ng/ul	0.00
70) Anthracene-d10	17.16	188	1392856	20.23	ng/ul	0.00
78) Pyrene-d10	19.46	212	1316015	23.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.34	264	998438	20.16	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.28	88	47241	7.831	ng/uL	92
4) Benzaldehyde	6.84	77	330884	21.846	ng/ul	96
6) Phenol	6.89	94	495484	19.322	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.12	93	383006	19.588	ng/ul#	87
10) 2-Chlorophenol	7.26	128	386782	19.226	ng/ul#	90
11) 2-Methylphenol	8.13	108	367485	18.633	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.22	45	638429	19.862	ng/ul#	87
14) Acetophenone	8.50	105	628559	20.135	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.49	70	327733	19.158	ng/ul#	82
16) 4-Methylphenol	8.46	108	403235	18.843	ng/ul	98
17) Hexachloroethane	8.75	117	159410	20.047	ng/ul	98
20) Nitrobenzene	8.88	77	478589	20.531	ng/ul	94
21) Isophorone	9.40	82	894596	19.181	ng/ul	97
23) 2-Nitrophenol	9.58	139	226867	19.344	ng/ul	90
24) 2,4-Dimethylphenol	9.65	107	456493	19.441	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.88	93	536389	19.105	ng/ul	99
27) 2,4-Dichlorophenol	10.11	162	371628	18.675	ng/ul	99
28) Naphthalene	10.51	128	1279678	19.815	ng/ul	100
30) 4-Chloroaniline	10.62	127	521925	22.297	ng/ul	98
31) Hexachlorobutadiene	10.79	225	241961	20.517	ng/ul	96
32) Caprolactam	11.38	113	119851m	16.204	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	412502	18.429	ng/ul	99
34) 2-Methylnaphthalene	12.13	142	912311	19.367	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.50	216	456597	20.642	ng/ul	99
37) Hexachlorocyclopentadiene	12.47	237	263596	18.787	ng/ul	99
38) 2,4,6-Trichlorophenol	12.75	196	293171	19.282	ng/ul	98
39) 2,4,5-Trichlorophenol	12.82	196	301066	18.745	ng/ul	98
40) 1,1'-Biphenyl	13.15	154	1179006	20.768	ng/ul	100
41) 2-Chloronaphthalene	13.19	162	914397	20.714	ng/ul	97
42) 2-Nitroaniline	13.40	65	283350	19.964	ng/ul#	81
44) Dimethylphthalate	13.78	163	1101734	19.452	ng/ul	100
45) 2,6-Dinitrotoluene	13.90	165	233092	19.472	ng/ul	95
47) Acenaphthylene	14.04	152	1406182	20.362	ng/ul	100
48) 3-Nitroaniline	14.23	138	235907	19.993	ng/ul	94
49) Acenaphthene	14.38	153	968010	20.309	ng/ul	98
50) 2,4-Dinitrophenol	14.44	184	108711	15.439	ng/ul#	1
52) 4-Nitrophenol	14.55	109	142006	18.392	ng/ul#	85
53) Dibenzofuran	14.72	168	1339598	19.891	ng/ul	96
54) 2,4-Dinitrotoluene	14.69	165	323265	18.619	ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	14.95	232	250682	17.775	ng/ul	99
56) Diethylphthalate	15.15	149	1112222	19.339	ng/ul	100
58) Fluorene	15.37	166	1068723	19.878	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.37	204	535034	20.035	ng/ul	95
60) 4-Nitroaniline	15.39	138	244423	17.892	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.46	198	179176	18.816	ng/ul	99
64) N-Nitrosodiphenylamine	15.58	169	913450	21.149	ng/ul	99
65) 4-Bromophenyl-phenylether	16.26	248	321878	20.715	ng/ul	92
66) Hexachlorobenzene	16.37	284	347843	20.229	ng/ul	96
67) Atrazine	16.54	200	317405	20.366	ng/ul	99
68) Pentachlorophenol	16.72	266	169414	17.321	ng/ul	99
69) Phenanthrene	17.11	178	1619639	20.423	ng/ul	99
71) Anthracene	17.20	178	1649637	20.425	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	478148	22.708	ng/ul	99
73) Pentachlorobenzene	14.64	250	426523	21.656	ng/ul	100
74) Carbazole	17.47	167	1396937	20.447	ng/ul	99
75) Di-n-butylphthalate	18.04	149	1771444	19.610	ng/ul	100
76) Fluoranthene	19.13	202	1675141	19.904	ng/ul	99
79) Pvrene	19.49	202	1663988	24.567	ng/ul	99
80) Butylbenzylphthalate	20.40	149	676695	21.034	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.18	252	418412	18.694	ng/ul	99
82) Benzo(a)anthracene	21.25	228	1361372	20.248	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.19	149	918834	20.171	ng/ul	98
84) Chrysene	21.30	228	1251107	19.966	ng/ul	99
86) Di-n-octyl phthalate	22.06	149	1394467	23.151	ng/ul#	93
87) Benzo(b)fluoranthene	22.82	252	1198114	21.226	ng/ul	100
88) Benzo(k)fluoranthene	22.86	252	1083067	20.197	ng/ul	99
90) Benzo(a)pyrene	23.39	252	1096765	20.449	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.71	276	1267133	20.438	ng/ul	97
92) Dibenzo(a,h)anthracene	25.72	278	1052594	20.286	ng/ul	99
93) Benzo(g,h,i)perylene	26.39	276	1053414	20.220	ng/ul	98

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

