

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN080718\
 Data File : BN002240.D
 Acq On : 07 Aug 2018 13:06
 Operator : JU/SJ
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 SSTD02026

Manual Integrations
 APPROVED

Sohil

8/8/2018 5:56:06 PM

Quant Time: Aug 08 03:02:26 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 08 02:41:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	302490	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1372281	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	782756	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	1671906	20.00	ng/ul	0.00
77) Chrysene-d12	21.27	240	1485505	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	1190559	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	50886	7.59	ng/uL	0.00
5) Phenol-d5	6.86	99	540471	18.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	344294	19.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	424526	18.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	428792	18.69	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	222948	19.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	234822	18.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	428641	18.42	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	595174	22.24	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1276529	19.24	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	1659960	20.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	213704	16.86	ng/ul	0.00
57) Fluorene-d10	15.32	176	1120669	19.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	198336	18.21	ng/ul	0.00
70) Anthracene-d10	17.16	188	1657958	20.34	ng/ul	0.00
78) Pyrene-d10	19.46	212	1691483	21.90	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.36	264	1308584	20.35	ng/ul	0.01

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.28	88	53318	7.923	ng/uL	92
4) Benzaldehyde	6.83	77	367565	21.754	ng/ul	96
6) Phenol	6.89	94	545132	19.056	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.11	93	428239	19.632	ng/ul#	84
10) 2-Chlorophenol	7.25	128	424788	18.928	ng/ul#	88
11) 2-Methylphenol	8.12	108	406793	18.490	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.21	45	706449	19.701	ng/ul#	86
14) Acetophenone	8.49	105	707855	20.326	ng/ul#	90
15) N-Nitroso-di-n-propylamine	8.49	70	369791	19.378	ng/ul#	84
16) 4-Methylphenol	8.45	108	448694	18.795	ng/ul	98
17) Hexachloroethane	8.75	117	176460	19.892	ng/ul	98
20) Nitrobenzene	8.87	77	542486	20.731	ng/ul	94
21) Isophorone	9.39	82	999183	19.084	ng/ul	98
23) 2-Nitrophenol	9.58	139	250316	19.012	ng/ul	90
24) 2,4-Dimethylphenol	9.64	107	501594	19.029	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.88	93	604621	19.183	ng/ul	97
27) 2,4-Dichlorophenol	10.11	162	419981	18.800	ng/ul	99
28) Naphthalene	10.50	128	1441036	19.877	ng/ul	100
30) 4-Chloroaniline	10.62	127	591489	22.509	ng/ul	98
31) Hexachlorobutadiene	10.79	225	268358	20.271	ng/ul	99
32) Caprolactam	11.37	113	137588m	16.571	ng/ul	
33) 4-Chloro-3-methylphenol	11.75	107	458311	18.240	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	1033126	19.537	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	516264	20.340	ng/ul	99
37) Hexachlorocyclopentadiene	12.47	237	294852	18.314	ng/ul	99
38) 2,4,6-Trichlorophenol	12.74	196	329028	18.859	ng/ul	99
39) 2,4,5-Trichlorophenol	12.82	196	342775	18.599	ng/ul	100
40) 1,1'-Biphenyl	13.15	154	1335200	20.497	ng/ul	99
41) 2-Chloronaphthalene	13.19	162	1038059	20.494	ng/ul	96
42) 2-Nitroaniline	13.39	65	319972	19.647	ng/ul	83
44) Dimethylphthalate	13.77	163	1259221	19.375	ng/ul	100
45) 2,6-Dinitrotoluene	13.90	165	265262	19.312	ng/ul	97
47) Acenaphthylene	14.03	152	1615024	20.381	ng/ul	99
48) 3-Nitroaniline	14.23	138	271446	20.048	ng/ul	90
49) Acenaphthene	14.38	153	1102922	20.166	ng/ul	99
50) 2,4-Dinitrophenol	14.44	184	121183	14.998	ng/ul#	1
52) 4-Nitrophenol	14.55	109	164390	18.555	ng/ul#	86
53) Dibenzofuran	14.72	168	1542112	19.956	ng/ul	99
54) 2,4-Dinitrotoluene	14.69	165	383379	19.244	ng/ul#	87
55) 2,3,4,6-Tetrachlorophenol	14.95	232	292751	18.090	ng/ul	95
56) Diethylphthalate	15.15	149	1267559	19.208	ng/ul	99
58) Fluorene	15.37	166	1230517	19.946	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.37	204	612518	19.989	ng/ul	93
60) 4-Nitroaniline	15.39	138	294450	18.784	ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.46	198	207883	18.438	ng/ul	96
64) N-Nitrosodiphenylamine	15.58	169	1057099	20.672	ng/ul	98
65) 4-Bromophenyl-phenylether	16.26	248	376294	20.454	ng/ul	90
66) Hexachlorobenzene	16.37	284	405886	19.937	ng/ul	94
67) Atrazine	16.54	200	370406	20.074	ng/ul	100
68) Pentachlorophenol	16.72	266	202279	17.467	ng/ul	99
69) Phenanthrene	17.11	178	1910807	20.351	ng/ul	99
71) Anthracene	17.20	178	1976112	20.665	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.11	216	539007	21.621	ng/ul	99
73) Pentachlorobenzene	14.64	250	487828	20.920	ng/ul	100
74) Carbazole	17.47	167	1692578	20.925	ng/ul	99
75) Di-n-butylphthalate	18.04	149	2128901	19.905	ng/ul	100
76) Fluoranthene	19.13	202	2137042	21.447	ng/ul	97
79) Pvrene	19.49	202	2151645	22.572	ng/ul	98
80) Butylbenzylphthalate	20.41	149	901274	19.906	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.19	252	587940	18.665	ng/ul	99
82) Benzo(a)anthracene	21.25	228	1906667	20.151	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.19	149	1291012	20.138	ng/ul	98
84) Chrysene	21.30	228	1765579	20.021	ng/ul	99
86) Di-n-octyl phthalate	22.07	149	2017543	25.802	ng/ul#	93
87) Benzo(b)fluoranthene	22.83	252	1569251	21.416	ng/ul	100
88) Benzo(k)fluoranthene	22.87	252	1521840	21.861	ng/ul	99
90) Benzo(a)pyrene	23.40	252	1414807	20.320	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.72	276	1490650	18.521	ng/ul	98
92) Dibenzo(a,h)anthracene	25.73	278	1242203	18.442	ng/ul	98
93) Benzo(g,h,i)perylene	26.40	276	1235609	18.270	ng/ul	98

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

