

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091318\
 Data File : BN002671.D
 Acq On : 13 Sep 2018 12:36
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleID :
 SSTD02041

Manual Integrations
 APPROVED

Sohil
 9/14/2018 5:15:42 PM

Quant Time: Sep 13 17:37:59 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 13 05:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	130851	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	590224	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	344135	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	794816	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	820345	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	742267	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	22034	7.95	ng/uL	0.00
5) Phenol-d5	6.85	99	237720	19.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	143398	19.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	190830	20.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	194129	20.24	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	94285	20.07	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	113933	23.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	199992	22.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	234422	23.89	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	590093	20.68	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	726224	20.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	107173	19.87	ng/ul	0.00
57) Fluorene-d10	15.29	176	505393	20.43	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	79512	15.71	ng/ul	0.00
70) Anthracene-d10	17.14	188	790067	20.81	ng/ul	0.00
78) Pyrene-d10	19.45	212	852282	21.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	792022	20.41	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.26	88	22647	7.636	ng/uL 90
4) Benzaldehyde	6.82	77	153355	18.605	ng/ul 97
6) Phenol	6.88	94	240778	19.706	ng/ul 96
8) Bis(2-Chloroethyl)ether	7.09	93	179992	19.378	ng/ul# 87
10) 2-Chlorophenol	7.23	128	189614	20.609	ng/ul# 92
11) 2-Methylphenol	8.10	108	184585	20.017	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.19	45	287601	18.695	ng/ul# 86
14) Acetophenone	8.48	105	292644	19.084	ng/ul# 93
15) N-Nitroso-di-n-propylamine	8.46	70	154949	19.150	ng/ul# 85
16) 4-Methylphenol	8.43	108	199791	19.915	ng/ul 99
17) Hexachloroethane	8.72	117	74380	19.299	ng/ul 97
20) Nitrobenzene	8.85	77	222071	19.751	ng/ul 98
21) Isophorone	9.37	82	445070	20.534	ng/ul 98
23) 2-Nitrophenol	9.56	139	115581	22.257	ng/ul 90
24) 2,4-Dimethylphenol	9.62	107	226757	21.293	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.85	93	258700	20.259	ng/ul 98
27) 2,4-Dichlorophenol	10.09	162	192708	21.922	ng/ul 99
28) Naphthalene	10.48	128	603529	19.874	ng/ul 100
30) 4-Chloroaniline	10.60	127	232014	23.385	ng/ul 98
31) Hexachlorobutadiene	10.76	225	111623	20.171	ng/ul 97
32) Caprolactam	11.37	113	77445	23.451	ng/ul# 61
33) 4-Chloro-3-methylphenol	11.73	107	214696	21.224	ng/ul 99
34) 2-Methylnaphthalene	12.10	142	441310	19.690	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.47	216	215693	20.692	ng/ul	99
37) Hexachlorocyclopentadiene	12.45	237	100697	15.903	ng/ul	98
38) 2,4,6-Trichlorophenol	12.72	196	154751	23.056	ng/ul	97
39) 2,4,5-Trichlorophenol	12.80	196	167688	23.348	ng/ul	99
40) 1,1'-Biphenyl	13.12	154	553708	20.099	ng/ul	98
41) 2-Chloronaphthalene	13.16	162	434606	20.238	ng/ul	95
42) 2-Nitroaniline	13.37	65	149552	21.865	ng/ul	86
44) Dimethylphthalate	13.75	163	574329	20.527	ng/ul	99
45) 2,6-Dinitrotoluene	13.88	165	126167	22.319	ng/ul	99
47) Acenaphthylene	14.02	152	678024	20.349	ng/ul	99
48) 3-Nitroaniline	14.21	138	120215	22.351	ng/ul	97
49) Acenaphthene	14.36	153	476225	20.261	ng/ul	97
50) 2,4-Dinitrophenol	14.43	184	35187	10.404	ng/ul#	1
52) 4-Nitrophenol	14.54	109	75574	18.490	ng/ul#	81
53) Dibenzofuran	14.69	168	665682	20.075	ng/ul	95
54) 2,4-Dinitrotoluene	14.67	165	181278	21.269	ng/ul#	86
55) 2,3,4,6-Tetrachlorophenol	14.93	232	139978	22.321	ng/ul	95
56) Diethylphthalate	15.13	149	603327	21.135	ng/ul	98
58) Fluorene	15.35	166	554123	20.425	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.35	204	273972	20.461	ng/ul	92
60) 4-Nitroaniline	15.38	138	133136	19.154	ng/ul	92
63) 4,6-Dinitro-2-methylphenol	15.45	198	79829	15.292	ng/ul	97
64) N-Nitrosodiphenylamine	15.56	169	492836	21.220	ng/ul	98
65) 4-Bromophenyl-phenylether	16.24	248	173187	21.359	ng/ul#	90
66) Hexachlorobenzene	16.36	284	191971	21.214	ng/ul#	90
67) Atrazine	16.52	200	196252	23.113	ng/ul	98
68) Pentachlorophenol	16.70	266	92233	18.208	ng/ul	99
69) Phenanthrene	17.09	178	896854	20.468	ng/ul	99
71) Anthracene	17.17	178	917223	20.640	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.09	216	231267	20.809	ng/ul	99
73) Pentachlorobenzene	14.62	250	221186	20.881	ng/ul	97
74) Carbazole	17.45	167	831365	21.096	ng/ul	99
75) Di-n-butylphthalate	18.02	149	1103186	23.026	ng/ul	100
76) Fluoranthene	19.11	202	1040074	20.856	ng/ul	99
79) Pvrene	19.47	202	1053055	21.289	ng/ul	100
80) Butylbenzylphthalate	20.38	149	511874	24.423	ng/ul	96
81) 3,3'-Dichlorobenzidine	21.17	252	278472	17.034	ng/ul	97
82) Benzo(a)anthracene	21.23	228	1018574	20.267	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.16	149	762270	24.248	ng/ul	99
84) Chrysene	21.29	228	955635	20.091	ng/ul	97
86) Di-n-octyl phthalate	22.04	149	1220419	25.872	ng/ul#	1
87) Benzo(b)fluoranthene	22.80	252	983402m	22.102	ng/ul	99
88) Benzo(k)fluoranthene	22.84	252	870616	20.770	ng/ul	99
90) Benzo(a)pyrene	23.37	252	849230	20.037	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.69	276	845711	16.772	ng/ul	98
92) Dibenzo(a,h)anthracene	25.69	278	708972	16.819	ng/ul	99
93) Benzo(g,h,i)perylene	26.36	276	688777	16.371	ng/ul	97

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

