

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091418\
 Data File : BN002685.D
 Acq On : 14 Sep 2018 12:20
 Operator : JU/SJ
 Sample : SSTD01044
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD01044

Quant Time: Sep 14 13:41:28 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN091418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 14 13:33:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	140716	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	597868	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	335023	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	696883	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	622976	20.00	ng/ul	0.00
85) Perylene-d12	23.45	264	608469	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	12544	4.21	ng/uL	0.00
5) Phenol-d5	6.84	99	116447	9.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	73859	9.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	97377	9.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	89967	8.72	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	45007	9.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	50956	10.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	93995	10.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	111834	11.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	263029	9.47	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	339173	9.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	37286	7.10	ng/ul	0.00
57) Fluorene-d10	15.28	176	231097	9.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	35956	8.10	ng/ul	0.00
70) Anthracene-d10	17.13	188	331933	9.97	ng/ul	0.00
78) Pyrene-d10	19.44	212	330459	11.09	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.31	264	316207	9.94	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.25	88	14157	4.439	ng/uL 96
4) Benzaldehyde	6.80	77	79441	8.962	ng/ul 98
6) Phenol	6.87	94	117823	8.967	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.09	93	91764	9.187	ng/ul 98
10) 2-Chlorophenol	7.22	128	96435	9.746	ng/ul 95
11) 2-Methylphenol	8.10	108	87647	8.838	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.18	45	146550	8.859	ng/ul 97
14) Acetophenone	8.47	105	142676	8.652	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.45	70	72735	8.359	ng/ul 99
16) 4-Methylphenol	8.43	108	94748	8.782	ng/ul 96
17) Hexachloroethane	8.71	117	39103	9.435	ng/ul 91
20) Nitrobenzene	8.85	77	104948	9.215	ng/ul 99
21) Isophorone	9.36	82	195356	8.898	ng/ul 99
23) 2-Nitrophenol	9.55	139	52465	9.974	ng/ul 98
24) 2,4-Dimethylphenol	9.62	107	105618	9.791	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.85	93	123709	9.564	ng/ul 97
27) 2,4-Dichlorophenol	10.09	162	91351	10.259	ng/ul 98
28) Naphthalene	10.47	128	307763	10.005	ng/ul 99
30) 4-Chloroaniline	10.59	127	110894	11.034	ng/ul 97
31) Hexachlorobutadiene	10.75	225	57590	10.274	ng/ul 95
32) Caprolactam	11.35	113	25647	7.667	ng/ul 98
33) 4-Chloro-3-methylphenol	11.73	107	94086	9.182	ng/ul 97
34) 2-Methylnaphthalene	12.09	142	216541	9.538	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.47	216	109880	10.828	ng/ul	98
37) Hexachlorocyclopentadiene	12.44	237	31385	5.091	ng/ul	97
38) 2,4,6-Trichlorophenol	12.72	196	69591	10.650	ng/ul	98
39) 2,4,5-Trichlorophenol	12.80	196	71779	10.266	ng/ul	95
40) 1,1'-Biphenyl	13.12	154	272654	10.166	ng/ul	98
41) 2-Chloronaphthalene	13.15	162	214352	10.253	ng/ul	98
42) 2-Nitroaniline	13.38	65	56642	8.507	ng/ul	97
44) Dimethylphthalate	13.75	163	256615	9.421	ng/ul	100
45) 2,6-Dinitrotoluene	13.87	165	49268	8.953	ng/ul	94
47) Acenaphthylene	14.00	152	319822	9.860	ng/ul	99
48) 3-Nitroaniline	14.21	138	48530	9.268	ng/ul	99
49) Acenaphthene	14.35	153	229573	10.033	ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	15722	4.775	ng/ul	98
52) 4-Nitrophenol	14.54	109	26265	6.601	ng/ul	98
53) Dibenzofuran	14.69	168	315778	9.782	ng/ul	100
54) 2,4-Dinitrotoluene	14.67	165	71364	8.601	ng/ul#	96
55) 2,3,4,6-Tetrachlorophenol	14.93	232	56179	9.202	ng/ul	99
56) Diethylphthalate	15.12	149	247765	8.915	ng/ul	99
58) Fluorene	15.34	166	252855	9.574	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.34	204	129536	9.937	ng/ul	95
60) 4-Nitroaniline	15.37	138	47198	6.975	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.45	198	36586	7.993	ng/ul	95
64) N-Nitrosodiphenylamine	15.55	169	216659	10.640	ng/ul	98
65) 4-Bromophenyl-phenylether	16.23	248	74448	10.472	ng/ul	99
66) Hexachlorobenzene	16.35	284	82812	10.437	ng/ul	98
67) Atrazine	16.51	200	71832	9.649	ng/ul	99
68) Pentachlorophenol	16.70	266	29879	6.728	ng/ul	94
69) Phenanthrene	17.08	178	386028	10.048	ng/ul	99
71) Anthracene	17.17	178	390811	10.030	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.08	216	116739	11.980	ng/uL	97
73) Pentachlorobenzene	14.61	250	104185	11.218	ng/uL	99
74) Carbazole	17.45	167	335229	9.702	ng/ul	100
75) Di-n-butylphthalate	18.01	149	393434	9.366	ng/ul	99
76) Fluoranthene	19.10	202	414455	9.479	ng/ul	98
79) Pvrene	19.47	202	416012	11.075	ng/ul	99
80) Butylbenzylphthalate	20.37	149	163652	10.282	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.16	252	127372	10.259	ng/ul#	97
82) Benzo(a)anthracene	21.22	228	382411	10.020	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	238149	9.976	ng/ul	99
84) Chrysene	21.27	228	357513	9.897	ng/ul	99
86) Di-n-octyl phthalate	22.03	149	392157	10.142	ng/ul	99
87) Benzo(b)fluoranthene	22.79	252	376399	10.320	ng/ul	98
88) Benzo(k)fluoranthene	22.84	252	342193	9.959	ng/ul	98
90) Benzo(a)pyrene	23.36	252	349633	10.063	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.66	276	407587	9.861	ng/ul	100
92) Dibenzo(a,h)anthracene	25.67	278	345120	9.987	ng/ul	99
93) Benzo(g,h,i)perylene	26.34	276	342434	9.929	ng/ul	99

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

