

Data Path : Z:\HPCHEM1\BNA_N\DATA\BN032818\
 Data File : BN000680.D
 Acq On : 29 Mar 2018 03:12
 Operator : JU/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02041

Quant Time: Mar 29 08:43:55 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 29 08:42:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.41	152	197524	20.00	ng/ul	0.00
18) Naphthalene-d8	11.24	136	870073	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.02	164	473191	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	899215	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	812946	20.00	ng/ul	0.00
83) Perylene-d12	24.35	264	628217	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	42508	7.69	ng/uL	0.00
5) Phenol-d5	7.55	99	387823	21.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	230380	21.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	286433	20.56	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	306827	21.38	ng/ul	0.00
19) Nitrobenzene-d5	9.59	128	140316	19.86	ng/ul	0.00
22) 2-Nitrophenol-d4	10.32	143	148324	20.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	266503	20.31	ng/ul	0.00
29) 4-Chloroaniline-d4	11.37	131	344085	25.55	ng/ul	0.00
43) Dimethylphthalate-d6	14.41	166	733013	19.61	ng/ul	0.00
46) Acenaphthylene-d8	14.72	160	1006644	20.41	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	125799	18.12	ng/ul	0.00
57) Fluorene-d10	16.01	176	639920	20.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	98257	19.08	ng/ul	0.00
70) Anthracene-d10	17.85	188	879896	20.36	ng/ul	0.00
76) Pyrene-d10	20.11	212	952363	21.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.19	264	611074	20.61	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.63	88	46281	7.772	ng/uL# 86
4) Benzaldehyde	7.53	77	175514	23.361	ng/ul 94
6) Phenol	7.58	94	401751	21.369	ng/ul 94
8) Bis(2-Chloroethyl)ether	7.81	93	317715	21.296	ng/ul 95
10) 2-Chlorophenol	7.97	128	291542	20.493	ng/ul 98
11) 2-Methylphenol	8.85	108	295100	21.402	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.93	45	357367	22.226	ng/ul 95
14) Acetophenone	9.24	105	474324	22.230	ng/ul 97
15) N-Nitroso-di-n-propylamine	9.21	70	239254	21.439	ng/ul 95
16) 4-Methylphenol	9.18	108	318554	21.580	ng/ul 94
17) Hexachloroethane	9.51	117	121742	20.510	ng/ul# 73
20) Nitrobenzene	9.63	77	358250	20.537	ng/ul 94
21) Isophorone	10.15	82	681971	20.508	ng/ul 98
23) 2-Nitrophenol	10.35	139	160583	20.396	ng/ul 94
24) 2,4-Dimethylphenol	10.40	107	342080	20.170	ng/ul 98
25) Bis(2-Chloroethoxy)methane	10.62	93	427982	20.378	ng/ul 97
27) 2,4-Dichlorophenol	10.89	162	260693	20.469	ng/ul# 94
28) Naphthalene	11.30	128	936523	20.497	ng/ul 99
30) 4-Chloroaniline	11.40	127	345465	25.268	ng/ul 98
31) Hexachlorobutadiene	11.56	225	144462	20.469	ng/ul 98
32) Caprolactam	12.15	113	98062	21.062	ng/ul 89
33) 4-Chloro-3-methylphenol	12.50	107	305213	20.385	ng/ul 97
34) 2-Methylnaphthalene	12.88	142	638525	20.932	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.24	216	285171	20.060	ng/ul#	95
37) Hexachlorocyclopentadiene	13.21	237	170294	22.973	ng/ul	98
38) 2,4,6-Trichlorophenol	13.47	196	183528	19.032	ng/ul	98
39) 2,4,5-Trichlorophenol	13.55	196	186236	18.522	ng/ul	97
40) 1,1'-Biphenyl	13.87	154	751358	18.652	ng/ul#	95
41) 2-Chloronaphthalene	13.92	162	580442	18.693	ng/ul	96
42) 2-Nitroaniline	14.11	65	182545	19.403	ng/ul	95
44) Dimethylphthalate	14.46	163	749334	20.264	ng/ul#	98
45) 2,6-Dinitrotoluene	14.60	165	158690	21.296	ng/ul	91
47) Acenaphthylene	14.75	152	984540	20.378	ng/ul	99
48) 3-Nitroaniline	14.92	138	172382	23.961	ng/ul	89
49) Acenaphthene	15.09	153	665090	20.190	ng/ul	98
50) 2,4-Dinitrophenol	15.14	184	73246	20.835	ng/ul#	74
52) 4-Nitrophenol	15.24	109	102368	19.083	ng/ul	87
53) Dibenzofuran	15.42	168	881213	19.696	ng/ul	100
54) 2,4-Dinitrotoluene	15.38	165	220476	20.870	ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.64	232	150807	19.641	ng/ul#	92
56) Diethylphthalate	15.81	149	786994	20.851	ng/ul	96
58) Fluorene	16.07	166	737779	20.751	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.04	204	343298	20.896	ng/ul#	87
60) 4-Nitroaniline	16.08	138	191358	23.675	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	16.14	198	103302	19.000	ng/ul#	83
64) N-Nitrosodiphenylamine	16.26	169	613453	20.708	ng/ul	99
65) 4-Bromophenyl-phenylether	16.93	248	187724	20.481	ng/ul#	86
66) Hexachlorobenzene	17.06	284	203493	21.026	ng/ul#	85
67) Atrazine	17.18	200	192962	21.597	ng/ul	95
68) Pentachlorophenol	17.41	266	86286	16.888	ng/ul	98
69) Phenanthrene	17.80	178	1051641	20.300	ng/ul	100
71) Anthracene	17.89	178	1071609	20.174	ng/ul	98
72) Carbazole	18.15	167	1033330	22.685	ng/ul	98
73) Di-n-butylphthalate	18.67	149	1327448	21.430	ng/ul	99
74) Fluoranthene	19.78	202	1215534	23.613	ng/ul#	82
77) Pyrene	20.14	202	1223683	20.609	ng/ul#	77
78) Butylbenzylphthalate	20.98	149	605746	20.538	ng/ul#	84
79) 3,3'-Dichlorobenzidine	21.78	252	282927	17.814	ng/ul#	98
80) Benzo(a)anthracene	21.86	228	1059430	19.559	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.74	149	871631	20.356	ng/ul#	96
82) Chrysene	21.92	228	984868	19.395	ng/ul	100
84) Di-n-octyl phthalate	22.68	149	1426243	26.973	ng/ul	100
85) Benzo(b)fluoranthene	23.59	252	867155	21.845	ng/ul#	95
86) Benzo(k)fluoranthene	23.65	252	791716	20.660	ng/ul#	95
88) Benzo(a)pyrene	24.25	252	754810	20.204	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.91	276	767225	19.046	ng/ul#	82
90) Dibenzo(a,h)anthracene	26.91	278	636855	18.977	ng/ul#	91
91) Benzo(g,h,i)perylene	27.70	276	636856	19.024	ng/ul#	87

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

