

Data Path : Z:\HPCHEM1\BNA N\DATA\BN040318\
 Data File : BN000703.D
 Acq On : 03 Apr 2018 16:40
 Operator : JU/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02047

Quant Time: Apr 04 06:49:38 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN031918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 04 06:48:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.40	152	121496	20.00	ng/ul	0.00
18) Naphthalene-d8	11.24	136	544830	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.02	164	315496	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.75	188	701138	20.00	ng/ul	0.00
75) Chrysene-d12	21.88	240	768058	20.00	ng/ul	0.00
83) Perylene-d12	24.37	264	812968	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	26586	7.82	ng/uL	0.00
5) Phenol-d5	7.55	99	243251	21.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.71	67	142934	21.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.93	132	175480	20.47	ng/ul	0.00
13) 4-Methylphenol-d8	9.12	113	191494	21.69	ng/ul	0.00
19) Nitrobenzene-d5	9.58	128	83851	18.95	ng/ul	0.00
22) 2-Nitrophenol-d4	10.31	143	87812	19.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.87	165	166164	20.22	ng/ul	0.00
29) 4-Chloroaniline-d4	11.37	131	220688	26.17	ng/ul	0.00
43) Dimethylphthalate-d6	14.41	166	528601	21.21	ng/ul	0.00
46) Acenaphthylene-d8	14.72	160	661375	20.11	ng/ul	0.00
51) 4-Nitrophenol-d4	15.22	143	89189	19.27	ng/ul	0.00
57) Fluorene-d10	16.01	176	443477	20.88	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.13	200	68314	17.01	ng/ul	0.00
70) Anthracene-d10	17.85	188	689100	20.45	ng/ul	0.00
76) Pyrene-d10	20.11	212	755618	17.82	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.21	264	786819	20.51	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.62	88	28841	7.874	ng/uL# 84
4) Benzaldehyde	7.53	77	105036	22.729	ng/ul 94
6) Phenol	7.58	94	251197	21.722	ng/ul 95
8) Bis(2-Chloroethyl)ether	7.81	93	196859	21.452	ng/ul 96
10) 2-Chlorophenol	7.96	128	180448	20.621	ng/ul 100
11) 2-Methylphenol	8.85	108	182428	21.510	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.93	45	221031	22.349	ng/ul 95
14) Acetophenone	9.24	105	301070	22.939	ng/ul 98
15) N-Nitroso-di-n-propylamine	9.21	70	149010	21.707	ng/ul 95
16) 4-Methylphenol	9.18	108	200113	22.039	ng/ul 96
17) Hexachloroethane	9.50	117	72980	19.989	ng/ul# 72
20) Nitrobenzene	9.63	77	222718	20.390	ng/ul 95
21) Isophorone	10.15	82	429137	20.609	ng/ul 98
23) 2-Nitrophenol	10.35	139	98712	20.022	ng/ul 93
24) 2,4-Dimethylphenol	10.40	107	218919	20.614	ng/ul 98
25) Bis(2-Chloroethoxy)methane	10.63	93	269893	20.522	ng/ul 98
27) 2,4-Dichlorophenol	10.89	162	164430	20.618	ng/ul# 94
28) Naphthalene	11.30	128	587262	20.526	ng/ul 99
30) 4-Chloroaniline	11.40	127	225674	26.360	ng/ul 98
31) Hexachlorobutadiene	11.56	225	91004	20.592	ng/ul 97
32) Caprolactam	12.14	113	67144	23.031	ng/ul 89
33) 4-Chloro-3-methylphenol	12.51	107	204692	21.832	ng/ul 98
34) 2-Methylnaphthalene	12.88	142	405511	21.229	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	182857	19.292	ng/ul#	95
37) Hexachlorocyclopentadiene	13.21	237	81454	16.480	ng/ul	98
38) 2,4,6-Trichlorophenol	13.47	196	118564	18.441	ng/ul	98
39) 2,4,5-Trichlorophenol	13.55	196	123804	18.468	ng/ul	99
40) 1,1'-Biphenyl	13.86	154	527309	19.633	ng/ul#	94
41) 2-Chloronaphthalene	13.91	162	404533	19.540	ng/ul	95
42) 2-Nitroaniline	14.11	65	128648	20.509	ng/ul	97
44) Dimethylphthalate	14.46	163	523207	21.221	ng/ul	99
45) 2,6-Dinitrotoluene	14.60	165	104656	21.065	ng/ul	91
47) Acenaphthylene	14.75	152	649788	20.171	ng/ul	99
48) 3-Nitroaniline	14.92	138	113661	23.695	ng/ul#	90
49) Acenaphthene	15.09	153	444142	20.222	ng/ul	99
50) 2,4-Dinitrophenol	15.14	184	37191	15.867	ng/ul#	78
52) 4-Nitrophenol	15.24	109	74146	20.731	ng/ul	88
53) Dibenzofuran	15.42	168	620296	20.794	ng/ul	99
54) 2,4-Dinitrotoluene	15.38	165	157894	22.417	ng/ul#	88
55) 2,3,4,6-Tetrachlorophenol	15.64	232	99077	19.354	ng/ul#	95
56) Diethylphthalate	15.81	149	550590	21.879	ng/ul	95
58) Fluorene	16.06	166	506071	21.348	ng/ul	99
59) 4-Chlorophenyl-phenylether	16.04	204	234169	21.378	ng/ul#	85
60) 4-Nitroaniline	16.08	138	131791	24.456	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	16.14	198	72027	16.991	ng/ul#	88
64) N-Nitrosodiphenylamine	16.25	169	443769	19.212	ng/ul	99
65) 4-Bromophenyl-phenylether	16.93	248	140431	19.650	ng/ul#	86
66) Hexachlorobenzene	17.06	284	154632	20.492	ng/ul#	85
67) Atrazine	17.18	200	154738	22.212	ng/ul	97
68) Pentachlorophenol	17.41	266	64378	16.160	ng/ul	97
69) Phenanthrene	17.80	178	820511	20.313	ng/ul	100
71) Anthracene	17.88	178	842334	20.338	ng/ul	98
72) Carbazole	18.15	167	781279	21.997	ng/ul#	97
73) Di-n-butylphthalate	18.67	149	970575	20.095	ng/ul	99
74) Fluoranthene	19.77	202	951095	23.696	ng/ul#	80
77) Pyrene	20.14	202	982820	17.520	ng/ul#	78
78) Butylbenzylphthalate	20.98	149	481182	17.268	ng/ul#	86
79) 3,3'-Dichlorobenzidine	21.78	252	291609	19.434	ng/ul#	96
80) Benzo(a)anthracene	21.87	228	985857	19.264	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.74	149	706180	17.456	ng/ul#	96
82) Chrysene	21.92	228	930800	19.402	ng/ul	99
84) Di-n-octyl phthalate	22.70	149	1247520	18.231	ng/ul	100
85) Benzo(b)fluoranthene	23.61	252	987482	19.223	ng/ul#	95
86) Benzo(k)fluoranthene	23.66	252	995370	20.071	ng/ul#	96
88) Benzo(a)pyrene	24.26	252	967240	20.007	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.93	276	1048513	20.113	ng/ul#	81
90) Dibenzo(a,h)anthracene	26.93	278	874119	20.128	ng/ul#	92
91) Benzo(g,h,i)perylene	27.72	276	855857	19.756	ng/ul#	87

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

