

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN022519\
 Data File : BN004487.D
 Acq On : 25 Feb 2019 17:14
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02080

Quant Time: Feb 25 22:36:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 21 22:12:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	18480	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	89400	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.38	164	59497	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.13	188	151978	20.00	ng/ul	0.00
78) Chrysene-d12	21.33	240	233700	20.00	ng/ul	0.00
86) Perylene-d12	23.60	264	313581	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	2140	6.96	ng/uL	0.00
5) Phenol-d5	6.90	99	30822	18.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.08	67	14583	17.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.27	132	26913	20.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	26529	18.74	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	13055	22.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	13963	22.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	30309	21.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	35706	23.05	ng/ul	0.00
44) Dimethylphthalate-d6	13.79	166	99862	19.79	ng/ul	0.00
47) Acenaphthylene-d8	14.07	160	126378	21.14	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	18315	18.96	ng/ul	0.00
58) Fluorene-d10	15.37	176	92877	20.91	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.49	200	16313	18.41	ng/ul	0.00
71) Anthracene-d10	17.23	188	154577	21.22	ng/ul	0.00
79) Pyrene-d10	19.53	212	197178	18.82	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	341140	20.73	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.28	88	2445	6.464	ng/uL# 89
4) Benzaldehyde	6.89	77	18717	19.797	ng/ul 97
6) Phenol	6.93	94	30964	18.830	ng/ul 97
8) Bis(2-Chloroethyl)ether	7.18	93	21393	18.187	ng/ul 98
10) 2-Chlorophenol	7.30	128	26823	20.172	ng/ul 97
11) 2-Methylphenol	8.18	108	24914	18.942	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.26	45	24504	17.576	ng/ul 99
14) Acetophenone	8.56	105	40789	19.334	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.54	70	16974	18.755	ng/ul# 98
16) 4-Methylphenol	8.50	108	27482	18.878	ng/ul 97
17) Hexachloroethane	8.81	117	9843	21.142	ng/ul 86
20) Nitrobenzene	8.95	77	27030	20.875	ng/ul 99
21) Isophorone	9.46	82	52739	19.883	ng/ul 98
23) 2-Nitrophenol	9.65	139	15211	21.950	ng/ul 95
24) 2,4-Dimethylphenol	9.70	107	32572	20.837	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.95	93	31848	18.504	ng/ul 98
27) 2,4-Dichlorophenol	10.17	162	29106	21.047	ng/ul 98
28) Naphthalene	10.58	128	94681	20.541	ng/ul 99
30) 4-Chloroaniline	10.69	127	35104	22.640	ng/ul 99
31) Hexachlorobutadiene	10.85	225	20473	22.898	ng/ul 99
32) Caprolactam	11.45	113	8823	18.894	ng/ul 96
33) 4-Chloro-3-methylphenol	11.80	107	31644	21.216	ng/ul 96
34) 2-Methylnaphthalene	12.19	142	72796	20.589	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.41	142	72224	20.714	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.56	216	42920	21.670	ng/ul	99
38) Hexachlorocyclopentadiene	12.53	237	23322	18.939	ng/ul	98
39) 2,4,6-Trichlorophenol	12.80	196	25834	22.075	ng/ul	98
40) 2,4,5-Trichlorophenol	12.87	196	28149	21.411	ng/ul	99
41) 1,1'-Biphenyl	13.21	154	95884	19.945	ng/ul	98
42) 2-Chloronaphthalene	13.25	162	77584	20.748	ng/ul	99
43) 2-Nitroaniline	13.47	65	16072	21.055	ng/ul	97
45) Dimethylphthalate	13.84	163	97529	19.552	ng/ul	100
46) 2,6-Dinitrotoluene	13.96	165	18492	21.027	ng/ul	99
48) Acenaphthylene	14.10	152	118729	20.917	ng/ul	99
49) 3-Nitroaniline	14.30	138	19146	21.331	ng/ul	94
50) Acenaphthene	14.45	153	85644	20.946	ng/ul	99
51) 2,4-Dinitrophenol	14.50	184	9194	16.804	ng/ul	96
53) 4-Nitrophenol	14.59	109	14737	20.517	ng/ul	94
54) Dibenzofuran	14.78	168	122107	20.645	ng/ul	97
55) 2,4-Dinitrotoluene	14.75	165	28945	20.981	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	15.00	232	27058	22.557	ng/ul	97
57) Diethylphthalate	15.20	149	99365	20.186	ng/ul	99
59) Fluorene	15.43	166	100416	20.951	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.43	204	53762	21.198	ng/ul	99
61) 4-Nitroaniline	15.46	138	23969	20.519	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.51	198	17450	18.728	ng/ul	99
65) N-Nitrosodiphenylamine	15.64	169	88033	20.226	ng/ul	99
66) 4-Bromophenyl-phenylether	16.32	248	36479	21.481	ng/ul	98
67) Hexachlorobenzene	16.42	284	43780	22.010	ng/ul	99
68) Atrazine	16.59	200	33961	20.259	ng/ul	99
69) Pentachlorophenol	16.77	266	23755	20.488	ng/ul	98
70) Phenanthrene	17.17	178	173573	20.584	ng/ul	100
72) Anthracene	17.26	178	178471	21.023	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.17	216	44109	21.159	ng/uL	97
74) Pentachlorobenzene	14.69	250	47644	21.383	ng/uL	99
75) Carbazole	17.53	167	158460	20.892	ng/ul	100
76) Di-n-butylphthalate	18.09	149	174892	21.003	ng/ul	100
77) Fluoranthene	19.19	202	230920	22.245	ng/ul	97
80) Pyrene	19.56	202	243898	18.872	ng/ul	98
81) Butylbenzylphthalate	20.46	149	90604	20.401	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.25	252	105422	21.507	ng/ul	99
83) Benzo(a)anthracene	21.31	228	298077	20.695	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.23	149	148602	22.325	ng/ul	98
85) Chrysene	21.36	228	281197	20.565	ng/ul	99
87) Di-n-octyl phthalate	22.12	149	279324	18.605	ng/ul	100
88) Benzo(b)fluoranthene	22.92	252	356861	19.216	ng/ul	99
89) Benzo(k)fluoranthene	22.96	252	359287	19.901	ng/ul	99
91) Benzo(a)pyrene	23.50	252	366232	20.210	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.89	276	501824	21.810	ng/ul	96
93) Dibenzo(a,h)anthracene	25.90	278	418086	21.840	ng/ul	97
94) Benzo(g,h,i)perylene	26.60	276	420203	21.790	ng/ul	96

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

