

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030119\
 Data File : BN004581.D
 Acq On : 01 Mar 2019 17:23
 Operator : JU/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02091

Manual Integrations
 APPROVED

Sohil
 3/4/2019 4:53:55 PM

Quant Time: Mar 02 05:39:40 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 01 04:12:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	32947	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.52	136	162022	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.37	164	101598	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.12	188	241719	20.00	ng/ul	-0.01
78) Chrysene-d12	21.32	240	303033	20.00	ng/ul	0.00
86) Perylene-d12	23.59	264	339048	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	4524	8.26	ng/uL	-0.01
5) Phenol-d5	6.89	99	58327	19.87	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	29634	20.11	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.26	132	50038	21.01	ng/ul	-0.01
13) 4-Methylphenol-d8	8.43	113	50724	20.10	ng/ul	-0.01
19) Nitrobenzene-d5	8.89	128	25022	23.33	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.60	143	28202	25.19	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.13	165	55540	21.88	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.66	131	65447	23.31	ng/ul	-0.02
44) Dimethylphthalate-d6	13.78	166	173071	20.09	ng/ul	-0.02
47) Acenaphthylene-d8	14.06	160	216529	21.21	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.57	143	33849	20.52	ng/ul	0.00
58) Fluorene-d10	15.36	176	152001	20.04	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.49	200	28859	20.47	ng/ul	-0.01
71) Anthracene-d10	17.22	188	242021	20.89	ng/ul	-0.02
79) Pyrene-d10	19.52	212	282962	20.83	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.45	264	368609	20.72	ng/ul	-0.01

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.27	88	4975	7.378	ng/uL 99
4) Benzaldehyde	6.88	77	35999	21.357	ng/ul 96
6) Phenol	6.92	94	58376	19.912	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.16	93	42080	20.065	ng/ul 99
10) 2-Chlorophenol	7.29	128	49473	20.869	ng/ul 99
11) 2-Methylphenol	8.16	108	46897	19.999	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.26	45	50682	20.390	ng/ul 99
14) Acetophenone	8.55	105	75842	20.164	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.53	70	34631	21.463	ng/ul 99
16) 4-Methylphenol	8.49	108	51795	19.956	ng/ul 98
17) Hexachloroethane	8.80	117	18032	21.724	ng/ul 95
20) Nitrobenzene	8.93	77	51116	21.782	ng/ul 100
21) Isophorone	9.45	82	104297	21.696	ng/ul 99
23) 2-Nitrophenol	9.64	139	30058	23.933	ng/ul 99
24) 2,4-Dimethylphenol	9.69	107	59718	21.080	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.93	93	63412	20.329	ng/ul 100
27) 2,4-Dichlorophenol	10.16	162	53556	21.369	ng/ul 99
28) Naphthalene	10.57	128	170573	20.419	ng/ul 99
30) 4-Chloroaniline	10.68	127	64676	23.016	ng/ul 99
31) Hexachlorobutadiene	10.83	225	34398	21.229	ng/ul 98
32) Caprolactam	11.45	113	18152m	21.449	ng/ul
33) 4-Chloro-3-methylphenol	11.80	107	58403	21.606	ng/ul 99
34) 2-Methylnaphthalene	12.18	142	128505	20.054	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.40	142	125486	19.858	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	70940	20.975	ng/ul	98
38) Hexachlorocyclopentadiene	12.52	237	37884	18.016	ng/ul	99
39) 2,4,6-Trichlorophenol	12.79	196	45974	23.005	ng/ul	98
40) 2,4,5-Trichlorophenol	12.86	196	50704	22.585	ng/ul	97
41) 1,1'-Biphenyl	13.20	154	167250	20.374	ng/ul	100
42) 2-Chloronaphthalene	13.25	162	131976	20.668	ng/ul	100
43) 2-Nitroaniline	13.46	65	32168	24.679	ng/ul	97
45) Dimethylphthalate	13.83	163	168521	19.784	ng/ul	100
46) 2,6-Dinitrotoluene	13.96	165	35062	23.347	ng/ul	96
48) Acenaphthylene	14.09	152	203037	20.947	ng/ul	100
49) 3-Nitroaniline	14.29	138	35346	23.062	ng/ul	98
50) Acenaphthene	14.43	153	144480	20.693	ng/ul	99
51) 2,4-Dinitrophenol	14.49	184	16813	17.995	ng/ul	97
53) 4-Nitrophenol	14.59	109	24328	19.835	ng/ul	99
54) Dibenzofuran	14.77	168	202401	20.040	ng/ul	98
55) 2,4-Dinitrotoluene	14.75	165	52627	22.339	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.99	232	46488	22.695	ng/ul	98
57) Diethylphthalate	15.20	149	171407	20.392	ng/ul	100
59) Fluorene	15.42	166	164582	20.109	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.42	204	86469	19.966	ng/ul	99
61) 4-Nitroaniline	15.46	138	40899	20.504	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.50	198	29833	20.131	ng/ul	100
65) N-Nitrosodiphenylamine	15.63	169	145792	21.061	ng/ul	100
66) 4-Bromophenyl-phenylether	16.31	248	57964	21.461	ng/ul	99
67) Hexachlorobenzene	16.42	284	66905	21.148	ng/ul	99
68) Atrazine	16.59	200	55929	20.977	ng/ul	97
69) Pentachlorophenol	16.76	266	38802	21.041	ng/ul	98
70) Phenanthrene	17.16	178	272977	20.354	ng/ul	99
72) Anthracene	17.25	178	278659	20.638	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	72336	21.817	ng/uL	99
74) Pentachlorobenzene	14.68	250	75840	21.401	ng/uL	98
75) Carbazole	17.53	167	251421	20.841	ng/ul	100
76) Di-n-butylphthalate	18.08	149	297402	22.456	ng/ul	100
77) Fluoranthene	19.19	202	339493	20.563	ng/ul	98
80) Pyrene	19.55	202	346410	20.671	ng/ul	99
81) Butylbenzylphthalate	20.45	149	145542	25.274	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.25	252	138156	21.736	ng/ul	99
83) Benzo(a)anthracene	21.30	228	382234	20.466	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.23	149	218653	25.333	ng/ul	100
85) Chrysene	21.36	228	359472	20.275	ng/ul	100
87) Di-n-octyl phthalate	22.12	149	392344	24.170	ng/ul	100
88) Benzo(b)fluoranthene	22.90	252	416159	20.726	ng/ul	100
89) Benzo(k)fluoranthene	22.95	252	391639	20.063	ng/ul	100
91) Benzo(a)pyrene	23.49	252	394191	20.119	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.87	276	444994	17.887	ng/ul	98
93) Dibenzo(a,h)anthracene	25.89	278	376320	18.181	ng/ul	99
94) Benzo(g,h,i)perylene	26.58	276	358021	17.171	ng/ul	99

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

