

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050219\
 Data File : BN005447.D
 Acq On : 03 May 2019 11:36
 Operator : JU/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02093

Manual Integrations
 APPROVED

mohammad
 5/6/2019 8:31:13 AM

Quant Time: May 03 19:16:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 03 03:02:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	304202	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	1366924	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	898509	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2114982	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	2019966	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	1800278	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	39046	6.20	ng/uL	0.00
5) Phenol-d5	6.76	99	453542	18.98	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.93	67	253416	17.00	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.12	132	360647	19.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	380948	20.40	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	187976	22.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	217024	25.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	414886	21.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	441603	21.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	1281768	19.65	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1582431	19.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	217460	21.12	ng/ul	0.00
57) Fluorene-d10	15.22	176	1108841	20.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	220120	23.14	ng/ul	0.00
70) Anthracene-d10	17.08	188	1756034	19.81	ng/ul	0.00
78) Pyrene-d10	19.39	212	1990128	19.26	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	1572428	19.99	ng/ul	0.02

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.24	88	42561	6.281	ng/uL	94
4) Benzaldehyde	6.74	77	313221	18.500	ng/ul	96
6) Phenol	6.79	94	468260	19.054	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.02	93	361384	18.365	ng/ul	92
10) 2-Chlorophenol	7.15	128	363596	19.235	ng/ul	97
11) 2-Methylphenol	8.02	108	370387	20.113	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.11	45	503533	15.240	ng/ul#	94
14) Acetophenone	8.39	105	613036	20.509	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.38	70	306654	19.179	ng/ul	90
16) 4-Methylphenol	8.35	108	401697	20.198	ng/ul	100
17) Hexachloroethane	8.64	117	150011	18.275	ng/ul	93
20) Nitrobenzene	8.77	77	434158	18.751	ng/ul	92
21) Isophorone	9.29	82	883870	19.280	ng/ul	97
23) 2-Nitrophenol	9.47	139	228488	23.641	ng/ul	96
24) 2,4-Dimethylphenol	9.54	107	456875	18.879	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.78	93	526898	18.289	ng/ul	97
27) 2,4-Dichlorophenol	10.00	162	407544	21.122	ng/ul	98
28) Naphthalene	10.39	128	1224662	19.272	ng/ul	99
30) 4-Chloroaniline	10.51	127	449002	21.864	ng/ul	99
31) Hexachlorobutadiene	10.68	225	270678	19.865	ng/ul	97
32) Caprolactam	11.26	113	139273m	23.856	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	449932	20.709	ng/ul	96
34) 2-Methylnaphthalene	12.02	142	940555	20.214	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	551616	19.838	ng/ul	97
37) Hexachlorocyclopentadiene	12.37	237	315293	16.631	ng/ul	99
38) 2,4,6-Trichlorophenol	12.64	196	356062	21.236	ng/ul	98
39) 2,4,5-Trichlorophenol	12.72	196	382933	21.253	ng/ul	98
40) 1,1'-Biphenyl	13.05	154	1265355	18.901	ng/ul	97
41) 2-Chloronaphthalene	13.09	162	981674	19.066	ng/ul	96
42) 2-Nitroaniline	13.30	65	284078	20.801	ng/ul	87
44) Dimethylphthalate	13.69	163	1266844	19.493	ng/ul	100
45) 2,6-Dinitrotoluene	13.80	165	271089	24.157	ng/ul	90
47) Acenaphthylene	13.94	152	1536385	19.515	ng/ul	99
48) 3-Nitroaniline	14.13	138	248391	23.809	ng/ul	91
49) Acenaphthene	14.29	153	1032305	19.207	ng/ul	100
50) 2,4-Dinitrophenol	14.35	184	122798	22.465	ng/ul#	84
52) 4-Nitrophenol	14.46	109	172949	18.501	ng/ul	96
53) Dibenzofuran	14.63	168	1531736	19.794	ng/ul	96
54) 2,4-Dinitrotoluene	14.60	165	397103	24.547	ng/ul	89
55) 2,3,4,6-Tetrachlorophenol	14.86	232	347230	23.166	ng/ul#	92
56) Diethylphthalate	15.06	149	1274470	19.557	ng/ul	97
58) Fluorene	15.28	166	1224707	20.282	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.28	204	656809	20.505	ng/ul	95
60) 4-Nitroaniline	15.30	138	304326	23.399	ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.37	198	230080	22.726	ng/ul	92
64) N-Nitrosodiphenylamine	15.49	169	1095463	18.925	ng/ul	99
65) 4-Bromophenyl-phenylether	16.17	248	433153	20.329	ng/ul	96
66) Hexachlorobenzene	16.29	284	477985	21.067	ng/ul	93
67) Atrazine	16.46	200	428029	19.862	ng/ul	98
68) Pentachlorophenol	16.63	266	271711	20.453	ng/ul	96
69) Phenanthrene	17.02	178	2016834	19.580	ng/ul	99
71) Anthracene	17.12	178	2052349	19.559	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.01	216	565539	18.307	ng/ul	99
73) Pentachlorobenzene	14.55	250	545612	19.624	ng/ul	99
74) Carbazole	17.39	167	1833586	20.342	ng/ul	99
75) Di-n-butylphthalate	17.97	149	2237114	19.781	ng/ul	99
76) Fluoranthene	19.06	202	2428777	21.258	ng/ul	96
79) Pvrene	19.43	202	2474944	19.029	ng/ul#	94
80) Butylbenzylphthalate	20.36	149	1022053	19.848	ng/ul	89
81) 3,3'-Dichlorobenzidine	21.15	252	775954	19.227	ng/ul#	97
82) Benzo(a)anthracene	21.21	228	2411652	19.191	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.16	149	1492020	18.817	ng/ul#	98
84) Chrysene	21.26	228	2260018	19.378	ng/ul	99
86) Di-n-octyl phthalate	22.05	149	2534377	22.985	ng/ul	100
87) Benzo(b)fluoranthene	22.79	252	2167368	21.417	ng/ul#	97
88) Benzo(k)fluoranthene	22.83	252	1946624	20.141	ng/ul	98
90) Benzo(a)pyrene	23.35	252	1876636	19.729	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.64	276	1939380	18.441	ng/ul	97
92) Dibenzo(a,h)anthracene	25.65	278	1643890	18.419	ng/ul#	97
93) Benzo(g,h,i)perylene	26.31	276	1519710	17.476	ng/ul	96

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

