

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051019\
 Data File : BN005591.D
 Acq On : 10 May 2019 16:43
 Operator : JU/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SSTD02007

Quant Time: May 10 17:19:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 07 05:36:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	170776	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	713435	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.22	164	441709	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	958907	20.00	ng/ul	0.00
77) Chrysene-d12	21.22	240	812402	20.00	ng/ul	0.00
85) Perylene-d12	23.43	264	801174	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	22122	6.25	ng/uL	0.00
5) Phenol-d5	6.76	99	221467	16.51	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.93	67	126707	15.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	185285	18.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	183234	17.48	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	94902	21.61	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.44	143	105133	23.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	202648	19.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	249666	23.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	592691	18.48	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	744023	18.89	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	84038	16.60	ng/ul	0.00
57) Fluorene-d10	15.22	176	506238	18.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	93787	21.75	ng/ul	0.00
70) Anthracene-d10	17.07	188	772691	19.22	ng/ul	0.00
78) Pyrene-d10	19.39	212	788216	18.97	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.29	264	675507	19.29	ng/ul	0.01

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.24	88	23447	6.163	ng/uL 94
4) Benzaldehyde	6.74	77	156828	16.500	ng/ul 98
6) Phenol	6.79	94	229198	16.613	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.02	93	176721	15.998	ng/ul 93
10) 2-Chlorophenol	7.15	128	188109	17.726	ng/ul 94
11) 2-Methylphenol	8.02	108	179912	17.403	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.11	45	252214	13.598	ng/ul 95
14) Acetophenone	8.39	105	302075	18.002	ng/ul 96
15) N-Nitroso-di-n-propylamine	8.38	70	143065	15.939	ng/ul# 89
16) 4-Methylphenol	8.35	108	193191	17.304	ng/ul 98
17) Hexachloroethane	8.64	117	81227	17.626	ng/ul 87
20) Nitrobenzene	8.77	77	220264	18.227	ng/ul 94
21) Isophorone	9.29	82	414127	17.308	ng/ul 97
23) 2-Nitrophenol	9.47	139	112306	22.263	ng/ul 96
24) 2,4-Dimethylphenol	9.53	107	211147	16.717	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.77	93	250918	16.687	ng/ul 98
27) 2,4-Dichlorophenol	10.00	162	197345	19.596	ng/ul 96
28) Naphthalene	10.39	128	622868	18.780	ng/ul 98
30) 4-Chloroaniline	10.51	127	250371	23.359	ng/ul 98
31) Hexachlorobutadiene	10.68	225	142260	20.004	ng/ul 99
32) Caprolactam	11.26	113	60671	19.912	ng/ul 81
33) 4-Chloro-3-methylphenol	11.65	107	206150	18.180	ng/ul 94
34) 2-Methylnaphthalene	12.01	142	455301	18.748	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	266117	19.468	ng/ul	96
37) Hexachlorocyclopentadiene	12.36	237	162907	17.479	ng/ul	97
38) 2,4,6-Trichlorophenol	12.64	196	163167	19.795	ng/ul	94
39) 2,4,5-Trichlorophenol	12.72	196	173474	19.585	ng/ul	98
40) 1,1'-Biphenyl	13.04	154	596392	18.121	ng/ul	98
41) 2-Chloronaphthalene	13.08	162	472039	18.649	ng/ul	95
42) 2-Nitroaniline	13.30	65	130553	19.446	ng/ul	87
44) Dimethylphthalate	13.68	163	589963	18.465	ng/ul	100
45) 2,6-Dinitrotoluene	13.80	165	121147	21.960	ng/ul	89
47) Acenaphthylene	13.93	152	719453	18.589	ng/ul	99
48) 3-Nitroaniline	14.14	138	115789	22.577	ng/ul#	88
49) Acenaphthene	14.28	153	487148	18.437	ng/ul	98
50) 2,4-Dinitrophenol	14.36	184	47974	17.852	ng/ul#	88
52) 4-Nitrophenol	14.46	109	72275	15.727	ng/ul	91
53) Dibenzofuran	14.62	168	718952	18.899	ng/ul	96
54) 2,4-Dinitrotoluene	14.61	165	174851	21.986	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	14.86	232	151952	20.621	ng/ul#	87
56) Diethylphthalate	15.06	149	569216	17.768	ng/ul	96
58) Fluorene	15.27	166	574466	19.353	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.27	204	314364	19.964	ng/ul	94
60) 4-Nitroaniline	15.30	138	127603	19.958	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.38	198	94659	20.622	ng/ul	91
64) N-Nitrosodiphenylamine	15.49	169	497646	18.962	ng/ul	99
65) 4-Bromophenyl-phenylether	16.17	248	191825	19.857	ng/ul	96
66) Hexachlorobenzene	16.29	284	207345	20.157	ng/ul#	91
67) Atrazine	16.45	200	180101	18.433	ng/ul	98
68) Pentachlorophenol	16.63	266	94133	15.629	ng/ul	93
69) Phenanthrene	17.02	178	884597	18.942	ng/ul	99
71) Anthracene	17.11	178	890153	18.711	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.00	216	271236	19.365	ng/uL	97
73) Pentachlorobenzene	14.55	250	255787	20.291	ng/uL	99
74) Carbazole	17.39	167	768023	18.793	ng/ul	98
75) Di-n-butylphthalate	17.96	149	902906	17.609	ng/ul	99
76) Fluoranthene	19.05	202	970202	18.730	ng/ul	96
79) Pyrene	19.42	202	1001953	19.155	ng/ul#	93
80) Butylbenzylphthalate	20.35	149	375069	18.111	ng/ul	91
81) 3,3'-Dichlorobenzidine	21.14	252	303714	18.711	ng/ul#	98
82) Benzo(a)anthracene	21.20	228	922514	18.253	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.15	149	540357	16.945	ng/ul#	97
84) Chrysene	21.25	228	870711	18.563	ng/ul	100
86) Di-n-octyl phthalate	22.03	149	905167	18.447	ng/ul	100
87) Benzo(b)fluoranthene	22.77	252	852752	18.935	ng/ul#	97
88) Benzo(k)fluoranthene	22.82	252	833775	19.385	ng/ul#	98
90) Benzo(a)pyrene	23.33	252	803155	18.973	ng/ul#	97
91) Indeno(1,2,3-cd)pyrene	25.62	276	912561	19.498	ng/ul	96
92) Dibenzo(a,h)anthracene	25.63	278	775935	19.535	ng/ul#	95
93) Benzo(g,h,i)perylene	26.29	276	749838	19.376	ng/ul#	93

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

