

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
 Data File : BM020896.D
 Acq On : 12 Jun 2019 09:51
 Operator : HP/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02031

Manual Integrations
 APPROVED

mohammad
 6/13/2019 9:45:57 AM

Quant Time: Jun 12 13:55:44 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jun 09 01:02:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	386721	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1578560	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.44	164	895150	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.19	188	1833518	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	1582221	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	1822299	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	61510	7.58	ng/uL	0.00
5) Phenol-d5	6.97	99	598105	20.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	353624	19.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	506190	21.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	488960	20.54	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	241944	22.46	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.68	143	263801	23.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	536195	23.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	612826	22.00	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	1446540	21.85	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	1842401	21.94	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	222857	19.61	ng/ul	0.00
57) Fluorene-d10	15.43	176	1219803	21.68	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.56	200	175998	18.77	ng/ul	0.00
70) Anthracene-d10	17.29	188	1736128	21.68	ng/ul	0.00
78) Pyrene-d10	19.58	212	1698574	22.21	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	1814360	21.91	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.34	88	64058	7.519	ng/uL 93
4) Benzaldehyde	6.96	77	435090	19.516	ng/ul 98
6) Phenol	6.99	94	616154	20.229	ng/ul 100
8) Bis(2-Chloroethyl)ether	7.23	93	479679	20.298	ng/ul 96
10) 2-Chlorophenol	7.37	128	516445	21.305	ng/ul 95
11) 2-Methylphenol	8.24	108	459985	20.324	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.33	45	596379	19.250	ng/ul 99
14) Acetophenone	8.63	105	752820	20.465	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.61	70	393731	20.332	ng/ul 97
16) 4-Methylphenol	8.57	108	504306	20.373	ng/ul 99
17) Hexachloroethane	8.87	117	208471	20.452	ng/ul 95
20) Nitrobenzene	9.01	77	573284	21.135	ng/ul 98
21) Isophorone	9.53	82	1044442	20.839	ng/ul 97
23) 2-Nitrophenol	9.72	139	283853	22.825	ng/ul 96
24) 2,4-Dimethylphenol	9.77	107	569322	21.298	ng/ul 98
25) Bis(2-Chloroethoxy)methane	10.01	93	641199	20.620	ng/ul 99
27) 2,4-Dichlorophenol	10.24	162	518191	22.649	ng/ul 100
28) Naphthalene	10.65	128	1606272	21.666	ng/ul 100
30) 4-Chloroaniline	10.76	127	625681	21.963	ng/ul 96
31) Hexachlorobutadiene	10.92	225	352487	22.745	ng/ul 98
32) Caprolactam	11.55	113	137582m	20.642	ng/ul
33) 4-Chloro-3-methylphenol	11.88	107	508435	21.536	ng/ul 98
34) 2-Methylnaphthalene	12.26	142	1177493	21.623	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	667636	23.015	ng/ul	98
37) Hexachlorocyclopentadiene	12.59	237	262628	14.589	ng/ul	99
38) 2,4,6-Trichlorophenol	12.87	196	415718	23.862	ng/ul	99
39) 2,4,5-Trichlorophenol	12.94	196	436284	23.058	ng/ul	97
40) 1,1'-Biphenyl	13.27	154	1528448	22.003	ng/ul	99
41) 2-Chloronaphthalene	13.32	162	1188140	22.224	ng/ul	99
42) 2-Nitroaniline	13.53	65	300447	21.643	ng/ul	98
44) Dimethylphthalate	13.90	163	1439067	21.705	ng/ul	99
45) 2,6-Dinitrotoluene	14.03	165	288808	23.223	ng/ul	98
47) Acenaphthylene	14.16	152	1788267	22.015	ng/ul	99
48) 3-Nitroaniline	14.36	138	266063	22.228	ng/ul	98
49) Acenaphthene	14.50	153	1221356	21.539	ng/ul	98
50) 2,4-Dinitrophenol	14.56	184	123409	18.513	ng/ul	93
52) 4-Nitrophenol	14.66	109	178746	19.189	ng/ul	95
53) Dibenzofuran	14.84	168	1731984	21.594	ng/ul	99
54) 2,4-Dinitrotoluene	14.82	165	401281	22.319	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.07	232	358802	22.568	ng/ul	95
56) Diethylphthalate	15.27	149	1429780	21.591	ng/ul	98
58) Fluorene	15.49	166	1384668	21.503	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.49	204	745854	21.741	ng/ul	97
60) 4-Nitroaniline	15.52	138	291417	21.439	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.57	198	186530	18.729	ng/ul	100
64) N-Nitrosodiphenylamine	15.70	169	1184280	22.972	ng/ul	99
65) 4-Bromophenyl-phenylether	16.38	248	460476	23.552	ng/ul	100
66) Hexachlorobenzene	16.49	284	514197	23.128	ng/ul	99
67) Atrazine	16.66	200	426765	22.463	ng/ul	99
68) Pentachlorophenol	16.83	266	269688	21.054	ng/ul	98
69) Phenanthrene	17.23	178	2009636	21.778	ng/ul	99
71) Anthracene	17.32	178	2064625	21.828	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.23	216	672668	24.747	ng/ul	99
73) Pentachlorobenzene	14.76	250	618178	24.147	ng/ul	98
74) Carbazole	17.59	167	1718107	20.888	ng/ul	99
75) Di-n-butylphthalate	18.15	149	2250571	21.886	ng/ul	100
76) Fluoranthene	19.24	202	2153107	20.361	ng/ul	98
79) Pvrene	19.61	202	2195797	22.482	ng/ul	96
80) Butylbenzylphthalate	20.50	149	882301	22.164	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.29	252	751296	21.423	ng/ul	100
82) Benzo(a)anthracene	21.35	228	2150424	21.787	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.27	149	1305665	19.449	ng/ul	99
84) Chrysene	21.40	228	1980217	21.622	ng/ul	100
86) Di-n-octyl phthalate	22.17	149	2129621	19.714	ng/ul	100
87) Benzo(b)fluoranthene	22.96	252	2194255	20.699	ng/ul	99
88) Benzo(k)fluoranthene	23.00	252	2152514	21.244	ng/ul	99
90) Benzo(a)pyrene	23.55	252	2135939	21.179	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.96	276	2643504	22.192	ng/ul	97
92) Dibenzo(a,h)anthracene	25.97	278	2223875	22.033	ng/ul	99
93) Benzo(g,h,i)perylene	26.67	276	2188984	22.651	ng/ul	96

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

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