

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091819\
 Data File : BM022721.D
 Acq On : 18 Sep 2019 18:44
 Operator : HP/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02002

Manual Integrations
 APPROVED

mohammad
 9/19/2019 4:43:59 PM

Quant Time: Sep 18 19:19:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 18 17:31:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	210847	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	956652	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	653524	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.20	188	1385400	20.00	ng/ul	0.00
78) Chrysene-d12	21.39	240	1431692	20.00	ng/ul	0.00
86) Perylene-d12	23.66	264	1393328	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	41059	8.11	ng/uL	0.00
5) Phenol-d5	7.00	99	401768	20.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	237929	21.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	320263	20.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	326730	20.66	ng/ul	0.00
19) Nitrobenzene-d5	8.99	128	159191	23.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.71	143	147158	23.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	329777	20.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	485520	22.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	1090100	20.58	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	1372103	21.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	206214	22.80	ng/ul	0.00
58) Fluorene-d10	15.46	176	951689	21.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	151749	24.10	ng/ul	0.00
71) Anthracene-d10	17.30	188	1509756	21.27	ng/ul	0.00
79) Pyrene-d10	19.60	212	1650928	20.78	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.52	264	1505986	20.11	ng/ul	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.33	88	40899	8.033 ng/uL#	92
4) Benzaldehyde	6.97	77	264310	26.024 ng/ul	99
6) Phenol	7.02	94	414548	20.398 ng/ul	98
8) Bis(2-Chloroethyl)ether	7.26	93	320792	20.783 ng/ul	97
10) 2-Chlorophenol	7.40	128	329038	20.377 ng/ul	100
11) 2-Methylphenol	8.27	108	310595	19.582 ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.36	45	471057	20.751 ng/ul	99
14) Acetophenone	8.66	105	521440	21.133 ng/ul	96
15) N-Nitroso-di-n-propylamine	8.65	70	267426	20.065 ng/ul	97
16) 4-Methylphenol	8.60	108	343287	20.045 ng/ul	96
17) Hexachloroethane	8.92	117	132533	20.718 ng/ul	100
20) Nitrobenzene	9.03	77	381191	22.075 ng/ul	98
21) Isophorone	9.56	82	733329	18.952 ng/ul	99
23) 2-Nitrophenol	9.74	139	171900	22.757 ng/ul	100
24) 2,4-Dimethylphenol	9.80	107	377955	19.956 ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.04	93	462303	20.377 ng/ul	100
27) 2,4-Dichlorophenol	10.27	162	326612	20.473 ng/ul	99
28) Naphthalene	10.68	128	1092584	20.599 ng/ul	99
30) 4-Chloroaniline	10.78	127	481322	21.952 ng/ul	100
31) Hexachlorobutadiene	10.97	225	196270	19.970 ng/ul	99
32) Caprolactam	11.56	113	140953m	23.736 ng/ul	
33) 4-Chloro-3-methylphenol	11.90	107	365716	20.774 ng/ul	99
34) 2-Methylnaphthalene	12.29	142	814094	20.373 ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.51	142	798792	20.922	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	407029	19.303	ng/ul	99
38) Hexachlorocyclopentadiene	12.65	237	221332	17.027	ng/ul	98
39) 2,4,6-Trichlorophenol	12.90	196	267061	20.232	ng/ul	100
40) 2,4,5-Trichlorophenol	12.97	196	298915	20.883	ng/ul	99
41) 1,1'-Biphenyl	13.30	154	1067482	19.616	ng/ul	100
42) 2-Chloronaphthalene	13.35	162	835439	20.277	ng/ul	99
43) 2-Nitroaniline	13.54	65	232517	24.171	ng/ul	96
45) Dimethylphthalate	13.93	163	1096899	20.406	ng/ul	100
46) 2,6-Dinitrotoluene	14.04	165	215416	24.614	ng/ul	95
48) Acenaphthylene	14.19	152	1286866	19.565	ng/ul	100
49) 3-Nitroaniline	14.36	138	229253	24.157	ng/ul#	94
50) Acenaphthene	14.53	153	929308	20.391	ng/ul	99
51) 2,4-Dinitrophenol	14.57	184	90131	22.450	ng/ul#	72
53) 4-Nitrophenol	14.67	109	151974	20.910	ng/ul	92
54) Dibenzofuran	14.87	168	1318399	20.844	ng/ul	99
55) 2,4-Dinitrotoluene	14.82	165	317948	24.802	ng/ul	94
56) 2,3,4,6-Tetrachlorophenol	15.09	232	251534	21.154	ng/ul	98
57) Diethylphthalate	15.29	149	1094635	19.682	ng/ul	99
59) Fluorene	15.52	166	1115794	21.442	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.51	204	556147	21.596	ng/ul	98
61) 4-Nitroaniline	15.52	138	256806	23.747	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.59	198	160649	22.047	ng/ul	98
65) N-Nitrosodiphenylamine	15.72	169	951544	20.127	ng/ul	99
66) 4-Bromophenyl-phenylether	16.40	248	337822	19.516	ng/ul	99
67) Hexachlorobenzene	16.52	284	381202	19.984	ng/ul	96
68) Atrazine	16.67	200	396915	21.839	ng/ul	100
69) Pentachlorophenol	16.86	266	199466	18.952	ng/ul	99
70) Phenanthrene	17.24	178	1766230	20.821	ng/ul	99
72) Anthracene	17.34	178	1806572	20.733	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	403853	18.725	ng/uL	99
74) Pentachlorobenzene	14.79	250	449381	20.669	ng/uL	98
75) Carbazole	17.60	167	1608052	20.533	ng/ul	99
76) Di-n-butylphthalate	18.17	149	1846464	18.616	ng/ul	100
77) Fluoranthene	19.26	202	2051108	21.307	ng/ul	99
80) Pyrene	19.62	202	2115352	20.416	ng/ul	98
81) Butylbenzylphthalate	20.52	149	799259	18.296	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.30	252	680277	18.685	ng/ul	99
83) Benzo(a)anthracene	21.37	228	2161028	20.348	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	1251985	18.887	ng/ul	100
85) Chrysene	21.42	228	1999548	20.460	ng/ul	99
87) Di-n-octyl phthalate	22.19	149	1970870	19.759	ng/ul	100
88) Benzo(b)fluoranthene	22.98	252	1942819	21.195	ng/ul	99
89) Benzo(k)fluoranthene	23.02	252	1977111	22.195	ng/ul	99
91) Benzo(a)pyrene	23.57	252	1857028	21.232	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.98	276	1867618	18.484	ng/ul	96
93) Dibenzo(a,h)anthracene	25.99	278	1576456	18.749	ng/ul	98
94) Benzo(g,h,i)perylene	26.69	276	1445419	17.415	ng/ul	98

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