

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070319\
 Data File : BM021370.D
 Acq On : 03 Jul 2019 17:37
 Operator : HP/JU
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02042

Manual Integrations
 APPROVED

mohammad
 7/3/2019 10:47:57 PM

Quant Time: Jul 03 18:12:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 03 01:58:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	264586	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	1190965	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	767449	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1655728	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1295893	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1431106	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.27	96	35181	6.31	ng/uL	0.00
5) Phenol-d5	6.92	99	420188	18.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	231453	16.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	348568	18.63	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	364374	18.95	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	180106	18.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	210597	19.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	430571	19.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	501490	22.03	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	1270218	18.32	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	1587724	18.70	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	174618	15.48	ng/ul	0.00
57) Fluorene-d10	15.39	176	1081961	17.94	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	185530	18.23	ng/ul	0.00
70) Anthracene-d10	17.24	188	1566235	18.20	ng/ul	0.00
78) Pyrene-d10	19.54	212	1448479	18.63	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.45	264	1427511	16.91	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.30	88	34083	6.045	ng/uL 97
4) Benzaldehyde	6.90	77	288584	27.486	ng/ul 99
6) Phenol	6.95	94	425813	19.548	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.18	93	317658	19.107	ng/ul 99
10) 2-Chlorophenol	7.31	128	351801	19.950	ng/ul 99
11) 2-Methylphenol	8.19	108	337757	20.040	ng/ul 98
12) 2,2'-oxybis(1-Chloropropan	8.27	45	404467	19.052	ng/ul 99
14) Acetophenone	8.57	105	558316	20.179	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.56	70	286450	19.893	ng/ul 98
16) 4-Methylphenol	8.52	108	371174	20.237	ng/ul 99
17) Hexachloroethane	8.81	117	142270	19.355	ng/ul 95
20) Nitrobenzene	8.95	77	422006	19.425	ng/ul 98
21) Isophorone	9.47	82	807147	19.728	ng/ul 99
23) 2-Nitrophenol	9.66	139	222185	20.584	ng/ul 100
24) 2,4-Dimethylphenol	9.72	107	439192	19.916	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.95	93	486236	19.285	ng/ul 100
27) 2,4-Dichlorophenol	10.19	162	413894	20.828	ng/ul 98
28) Naphthalene	10.58	128	1201175	19.644	ng/ul 99
30) 4-Chloroaniline	10.70	127	499056	23.306	ng/ul 100
31) Hexachlorobutadiene	10.85	225	269522	19.906	ng/ul 98
32) Caprolactam	11.50	113	142640m	25.533	ng/ul
33) 4-Chloro-3-methylphenol	11.83	107	421841	20.822	ng/ul 99
34) 2-Methylnaphthalene	12.20	142	934105	19.923	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	558769	20.395	ng/ul	99
37) Hexachlorocyclopentadiene	12.53	237	341295	20.940	ng/ul	98
38) 2,4,6-Trichlorophenol	12.82	196	363527	21.351	ng/ul	99
39) 2,4,5-Trichlorophenol	12.89	196	385649	21.205	ng/ul	100
40) 1,1'-Biphenyl	13.22	154	1251389	19.767	ng/ul	99
41) 2-Chloronaphthalene	13.26	162	1003829	20.070	ng/ul	100
42) 2-Nitroaniline	13.48	65	243921	20.066	ng/ul	98
44) Dimethylphthalate	13.85	163	1257383	19.919	ng/ul	99
45) 2,6-Dinitrotoluene	13.98	165	251168	20.848	ng/ul	96
47) Acenaphthylene	14.11	152	1444437	19.875	ng/ul	99
48) 3-Nitroaniline	14.31	138	228511	21.666	ng/ul	100
49) Acenaphthene	14.45	153	1043876	19.592	ng/ul	99
50) 2,4-Dinitrophenol	14.52	184	121459	20.068	ng/ul	96
52) 4-Nitrophenol	14.62	109	163520	19.599	ng/ul	97
53) Dibenzofuran	14.79	168	1494217	19.696	ng/ul	99
54) 2,4-Dinitrotoluene	14.77	165	355711	20.345	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.02	232	331942	20.931	ng/ul	99
56) Diethylphthalate	15.22	149	1233886	20.260	ng/ul	100
58) Fluorene	15.44	166	1214554	19.705	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.44	204	672482	20.011	ng/ul	98
60) 4-Nitroaniline	15.48	138	211448	18.861	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.53	198	190109	18.607	ng/ul	97
64) N-Nitrosodiphenylamine	15.66	169	1035640	20.653	ng/ul	99
65) 4-Bromophenyl-phenylether	16.33	248	425535	20.958	ng/ul	99
66) Hexachlorobenzene	16.44	284	487193	20.936	ng/ul	99
67) Atrazine	16.61	200	460392	25.307	ng/ul	98
68) Pentachlorophenol	16.79	266	242903	20.818	ng/ul	98
69) Phenanthrene	17.18	178	1798177	19.637	ng/ul	99
71) Anthracene	17.27	178	1829084	19.601	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.18	216	552943	21.229	ng/ul	98
73) Pentachlorobenzene	14.70	250	596086	22.241	ng/ul	98
74) Carbazole	17.55	167	1438172	18.700	ng/ul	100
75) Di-n-butylphthalate	18.10	149	1959465	21.222	ng/ul	100
76) Fluoranthene	19.20	202	1855131	18.750	ng/ul	99
79) Pvrene	19.57	202	1846940	20.160	ng/ul	100
80) Butylbenzylphthalate	20.47	149	725280	21.387	ng/ul	94
81) 3,3'-Dichlorobenzidine	21.25	252	575819	19.825	ng/ul	99
82) Benzo(a)anthracene	21.32	228	1747145	19.776	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.23	149	1080935	22.387	ng/ul	100
84) Chrysene	21.37	228	1621287	19.594	ng/ul	100
86) Di-n-octyl phthalate	22.12	149	1698723	20.600	ng/ul	100
87) Benzo(b)fluoranthene	22.92	252	1773708	19.566	ng/ul	100
88) Benzo(k)fluoranthene	22.96	252	1671822	19.170	ng/ul	99
90) Benzo(a)pyrene	23.50	252	1667665	19.545	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.89	276	2068606	20.588	ng/ul	99
92) Dibenzo(a,h)anthracene	25.89	278	1732396	20.496	ng/ul	99
93) Benzo(g,h,i)perylene	26.59	276	1697030	20.508	ng/ul	98

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

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