

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
 Data File : BM023732.D
 Acq On : 15 Nov 2019 00:29
 Operator : JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02019

Manual Integrations
 APPROVED

mohammad
 11/15/2019 5:59:23 PM

Quant Time: Nov 15 07:53:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 15 06:30:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	445812	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	1840665	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.19	164	1162534	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.94	188	2380014	20.00	ng/ul	0.00
78) Chrysene-d12	21.14	240	2462357	20.00	ng/ul	0.00
86) Perylene-d12	23.30	264	2867599	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	79148	7.32	ng/uL	0.00
5) Phenol-d5	6.72	99	737743	18.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.88	67	423226	18.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.07	132	576142	19.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	579620	17.88	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	277148	21.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	319417	23.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	613362	19.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	715938	20.65	ng/ul	0.00
44) Dimethylphthalate-d6	13.61	166	1688185	18.62	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	2031523	19.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	290684	18.78	ng/ul	0.00
58) Fluorene-d10	15.19	176	1476199	18.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	282900	20.55	ng/ul	0.00
71) Anthracene-d10	17.04	188	2247102	19.90	ng/ul	0.00
79) Pyrene-d10	19.34	212	2443444	19.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.16	264	2910602	19.29	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.09	88	81995	7.076	ng/uL 97
4) Benzaldehyde	6.68	77	318555	13.362	ng/ul 97
6) Phenol	6.75	94	772658	18.456	ng/ul 98
8) Bis(2-Chloroethyl)ether	6.97	93	594202	18.532	ng/ul 99
10) 2-Chlorophenol	7.10	128	605739	19.952	ng/ul 98
11) 2-Methylphenol	7.98	108	574341	18.381	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.06	45	582819	18.632	ng/ul 98
14) Acetophenone	8.35	105	903530	17.871	ng/ul 97
15) N-Nitroso-di-n-propylamine	8.35	70	476811	17.951	ng/ul 97
16) 4-Methylphenol	8.31	108	626419	18.105	ng/ul 99
17) Hexachloroethane	8.60	117	244973	20.339	ng/ul 97
20) Nitrobenzene	8.72	77	692769	19.887	ng/ul 96
21) Isophorone	9.25	82	1275393	18.768	ng/ul 98
23) 2-Nitrophenol	9.43	139	347484	22.560	ng/ul 94
24) 2,4-Dimethylphenol	9.50	107	689570	19.590	ng/ul 97
25) Bis(2-Chloroethoxy)methane	9.73	93	810132	18.997	ng/ul 99
27) 2,4-Dichlorophenol	9.96	162	606548	19.970	ng/ul 99
28) Naphthalene	10.35	128	1889884	19.535	ng/ul 100
30) 4-Chloroaniline	10.47	127	742395	20.830	ng/ul 100
31) Hexachlorobutadiene	10.65	225	397716	19.393	ng/ul 98
32) Caprolactam	11.26	113	173478m	17.625	ng/ul
33) 4-Chloro-3-methylphenol	11.62	107	628122	18.632	ng/ul 98
34) 2-Methylnaphthalene	11.98	142	1392817	18.820	ng/ul 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.20	142	1342712	18.396	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.36	216	769473	20.257	ng/ul	98
38) Hexachlorocyclopentadiene	12.34	237	450813	22.656	ng/ul	99
39) 2,4,6-Trichlorophenol	12.61	196	498120	21.268	ng/ul	97
40) 2,4,5-Trichlorophenol	12.68	196	526751	20.651	ng/ul	97
41) 1,1'-Biphenyl	13.01	154	1807182	20.151	ng/ul	100
42) 2-Chloronaphthalene	13.05	162	1407425	20.389	ng/ul	99
43) 2-Nitroaniline	13.26	65	369955	22.533	ng/ul	95
45) Dimethylphthalate	13.66	163	1708846	19.234	ng/ul	100
46) 2,6-Dinitrotoluene	13.77	165	353883	21.869	ng/ul	99
48) Acenaphthylene	13.90	152	2097184	20.135	ng/ul	99
49) 3-Nitroaniline	14.10	138	308366	20.052	ng/ul	91
50) Acenaphthene	14.25	153	1467402	19.853	ng/ul	99
51) 2,4-Dinitrophenol	14.32	184	173567	17.013	ng/ul	97
53) 4-Nitrophenol	14.43	109	233429	18.691	ng/ul	97
54) Dibenzofuran	14.59	168	2122246	19.396	ng/ul	98
55) 2,4-Dinitrotoluene	14.57	165	511740	20.691	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.82	232	468113	19.389	ng/ul	96
57) Diethylphthalate	15.03	149	1691581	19.403	ng/ul	98
59) Fluorene	15.24	166	1701074	19.163	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.25	204	887980	18.537	ng/ul	98
61) 4-Nitroaniline	15.27	138	319305	16.952	ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.33	198	316713	21.157	ng/ul	96
65) N-Nitrosodiphenylamine	15.46	169	1478092	21.168	ng/ul	100
66) 4-Bromophenyl-phenylether	16.14	248	599404	20.608	ng/ul	96
67) Hexachlorobenzene	16.25	284	709746	20.711	ng/ul	97
68) Atrazine	16.42	200	536127	20.495	ng/ul	99
69) Pentachlorophenol	16.60	266	370404	18.231	ng/ul	99
70) Phenanthrene	16.98	178	2701753	20.609	ng/ul	100
72) Anthracene	17.07	178	2746891	20.838	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.97	216	747820	22.163	ng/uL	99
74) Pentachlorobenzene	14.51	250	779251	20.902	ng/uL	100
75) Carbazole	17.34	167	2411549	21.946	ng/ul	100
76) Di-n-butylphthalate	17.93	149	2785972	22.992	ng/ul	99
77) Fluoranthene	19.00	202	3171813	22.583	ng/ul	98
80) Pvrene	19.37	202	3214747	20.198	ng/ul	99
81) Butylbenzylphthalate	20.29	149	1284143	25.474	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.06	252	1111308	21.505	ng/ul	98
83) Benzo(a)anthracene	21.12	228	3291824	20.267	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.08	149	1859685	24.434	ng/ul	100
85) Chrysene	21.17	228	3038631	19.872	ng/ul	100
87) Di-n-octyl phthalate	21.94	149	3125237	22.298	ng/ul	100
88) Benzo(b)fluoranthene	22.66	252	3453625	18.893	ng/ul	99
89) Benzo(k)fluoranthene	22.70	252	3374116	19.159	ng/ul	99
91) Benzo(a)pyrene	23.20	252	3310650	19.783	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.44	276	4079458	22.798	ng/ul	99
93) Dibenzo(a,h)anthracene	25.45	278	3452018	22.858	ng/ul	100
94) Benzo(a,h,i)perylene	26.09	276	3412527	23.534	ng/ul	99

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

