

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111119\
 Data File : BM023653.D
 Acq On : 12 Nov 2019 02:19
 Operator : JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02010

Manual Integrations
 APPROVED

mohammad
 11/12/2019 10:44:15 AM

Quant Time: Nov 12 03:36:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 12 00:02:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	380718	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	1752927	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	1271609	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	2936677	20.00	ng/ul	0.00
78) Chrysene-d12	21.15	240	2873708	20.00	ng/ul	0.00
86) Perylene-d12	23.32	264	2718222	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	75693	8.20	ng/uL	0.00
5) Phenol-d5	6.73	99	763370	22.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.89	67	441902	22.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	565123	22.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	632651	22.85	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	290331	23.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	324136	24.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	691265	22.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	728199	22.05	ng/ul	0.00
44) Dimethylphthalate-d6	13.62	166	2173963	21.92	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	2518875	22.26	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	384086	22.69	ng/ul	0.00
58) Fluorene-d10	15.20	176	1906371	21.77	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	364211	21.44	ng/ul	0.00
71) Anthracene-d10	17.05	188	3060148	21.97	ng/ul	0.00
79) Pyrene-d10	19.35	212	3394750	22.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.18	264	3145768	21.99	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.10	88	78984	7.981	ng/uL 99
4) Benzaldehyde	6.69	77	492244	24.177	ng/ul 98
6) Phenol	6.76	94	775204	21.683	ng/ul 100
8) Bis(2-Chloroethyl)ether	6.98	93	588310	21.486	ng/ul 97
10) 2-Chlorophenol	7.12	128	580443	22.388	ng/ul 97
11) 2-Methylphenol	8.00	108	588184	22.042	ng/ul 99
12) 2,2'-oxybis(1-Chloropropan	8.08	45	588273	22.022	ng/ul 99
14) Acetophenone	8.37	105	950950	22.025	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.36	70	529003	23.321	ng/ul 98
16) 4-Methylphenol	8.32	108	662047	22.407	ng/ul 97
17) Hexachloroethane	8.62	117	227513	22.120	ng/ul 98
20) Nitrobenzene	8.74	77	739835	22.301	ng/ul 97
21) Isophorone	9.27	82	1455750	22.494	ng/ul 99
23) 2-Nitrophenol	9.45	139	350870	23.920	ng/ul 98
24) 2,4-Dimethylphenol	9.52	107	755801	22.547	ng/ul 100
25) Bis(2-Chloroethoxy)methane	9.75	93	891159	21.943	ng/ul 99
27) 2,4-Dichlorophenol	9.97	162	656667	22.702	ng/ul 99
28) Naphthalene	10.37	128	1990009	21.599	ng/ul 100
30) 4-Chloroaniline	10.49	127	739832	21.797	ng/ul 97
31) Hexachlorobutadiene	10.66	225	420801	21.546	ng/ul 99
32) Caprolactam	11.27	113	224210m	23.919	ng/ul
33) 4-Chloro-3-methylphenol	11.63	107	747649	23.287	ng/ul 99
34) 2-Methylnaphthalene	11.99	142	1559292	22.124	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.22	142	1529421	22.003	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.37	216	892848	21.489	ng/ul	98
38) Hexachlorocyclopentadiene	12.36	237	340873	15.662	ng/ul	98
39) 2,4,6-Trichlorophenol	12.62	196	584408	22.811	ng/ul	98
40) 2,4,5-Trichlorophenol	12.69	196	639972	22.937	ng/ul	98
41) 1,1'-Biphenyl	13.03	154	2114492	21.556	ng/ul	99
42) 2-Chloronaphthalene	13.06	162	1634591	21.649	ng/ul	99
43) 2-Nitroaniline	13.27	65	446726	24.875	ng/ul	97
45) Dimethylphthalate	13.67	163	2118485	21.800	ng/ul	100
46) 2,6-Dinitrotoluene	13.79	165	428070	24.184	ng/ul	95
48) Acenaphthylene	13.92	152	2509140	22.024	ng/ul	100
49) 3-Nitroaniline	14.11	138	388762	23.112	ng/ul	95
50) Acenaphthene	14.27	153	1766456	21.849	ng/ul	99
51) 2,4-Dinitrophenol	14.33	184	208982	18.727	ng/ul	98
53) 4-Nitrophenol	14.43	109	305629	22.373	ng/ul	99
54) Dibenzofuran	14.60	168	2594248	21.676	ng/ul	100
55) 2,4-Dinitrotoluene	14.58	165	634733	23.462	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.84	232	605902	22.943	ng/ul	99
57) Diethylphthalate	15.04	149	2130661	22.343	ng/ul	99
59) Fluorene	15.26	166	2119251	21.826	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.26	204	1133821	21.639	ng/ul	99
61) 4-Nitroaniline	15.28	138	480953	23.344	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.34	198	391349	21.187	ng/ul	96
65) N-Nitrosodiphenylamine	15.47	169	1878379	21.801	ng/ul	99
66) 4-Bromophenyl-phenylether	16.15	248	782591	21.806	ng/ul	98
67) Hexachlorobenzene	16.26	284	922030	21.806	ng/ul	98
68) Atrazine	16.43	200	712700	22.081	ng/ul	99
69) Pentachlorophenol	16.61	266	527866	21.056	ng/ul	99
70) Phenanthrene	16.99	178	3498589	21.629	ng/ul	100
72) Anthracene	17.09	178	3577139	21.993	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.99	216	892512	21.437	ng/uL	100
74) Pentachlorobenzene	14.53	250	991922	21.564	ng/uL	98
75) Carbazole	17.36	167	3164310	23.338	ng/ul	99
76) Di-n-butylphthalate	17.94	149	3602395	24.094	ng/ul	99
77) Fluoranthene	19.02	202	4250549	24.527	ng/ul	99
80) Pvrene	19.38	202	4312847	23.218	ng/ul	100
81) Butylbenzylphthalate	20.30	149	1623439	27.595	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.07	252	1380114	22.884	ng/ul	99
83) Benzo(a)anthracene	21.14	228	4255938	22.452	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.09	149	2310951	26.017	ng/ul	99
85) Chrysene	21.19	228	3969313	22.243	ng/ul	99
87) Di-n-octyl phthalate	21.95	149	3629867	27.322	ng/ul	100
88) Benzo(b)fluoranthene	22.67	252	3868127	22.323	ng/ul	99
89) Benzo(k)fluoranthene	22.72	252	3697305	22.148	ng/ul	100
91) Benzo(a)pyrene	23.22	252	3473898	21.900	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.47	276	3629964	21.400	ng/ul	99
93) Dibenzo(a,h)anthracene	25.48	278	3039393	21.232	ng/ul	99
94) Benzo(a,h,i)perylene	26.12	276	2945122	21.427	ng/ul	99

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

