

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
 Data File : BM022612.D
 Acq On : 09 Sep 2019 20:22
 Operator : HP/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02062

Manual Integrations
 APPROVED

mohammad
 9/10/2019 2:09:09 PM

Quant Time: Sep 10 01:21:11 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 09 07:45:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	292109	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1320641	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	839781	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	1730210	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	1826355	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	1942083	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	54842	7.82	ng/uL	0.00
5) Phenol-d5	7.01	99	533567	19.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.18	67	313874	20.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	421748	19.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	435855	19.90	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	197060	20.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	183020	20.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	431620	19.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	614514	20.85	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	1294465	19.02	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	1683576	20.66	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	246789	21.23	ng/ul	0.00
58) Fluorene-d10	15.47	176	1139405	20.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	154557	19.65	ng/ul	0.00
71) Anthracene-d10	17.32	188	1788878	20.18	ng/ul	0.00
79) Pyrene-d10	19.61	212	1940662	19.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	1959347	18.77	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.33	88	52718	7.474	ng/uL 94
4) Benzaldehyde	6.99	77	342628	24.350	ng/ul 100
6) Phenol	7.04	94	552982	19.640	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.27	93	421081	19.691	ng/ul 98
10) 2-Chlorophenol	7.42	128	432146	19.318	ng/ul 100
11) 2-Methylphenol	8.29	108	415308	18.900	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.38	45	622862	19.805	ng/ul 99
14) Acetophenone	8.67	105	675218	19.753	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.66	70	346198	18.749	ng/ul 97
16) 4-Methylphenol	8.62	108	452918	19.090	ng/ul 97
17) Hexachloroethane	8.94	117	168589	19.023	ng/ul 97
20) Nitrobenzene	9.05	77	491201	20.606	ng/ul 99
21) Isophorone	9.57	82	947901	17.745	ng/ul 99
23) 2-Nitrophenol	9.76	139	217702	20.877	ng/ul 99
24) 2,4-Dimethylphenol	9.82	107	496595	18.994	ng/ul 99
25) Bis(2-Chloroethoxy)methane	10.06	93	602331	19.231	ng/ul 99
27) 2,4-Dichlorophenol	10.29	162	422960	19.205	ng/ul 98
28) Naphthalene	10.70	128	1419519	19.387	ng/ul 99
30) 4-Chloroaniline	10.80	127	609831	20.147	ng/ul 100
31) Hexachlorobutadiene	10.99	225	248156	18.290	ng/ul 99
32) Caprolactam	11.56	113	178680m	21.796	ng/ul
33) 4-Chloro-3-methylphenol	11.92	107	458426	18.863	ng/ul 98
34) 2-Methylnaphthalene	12.31	142	1049913	19.033	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.53	142	1033809	19.615	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.67	216	509198	18.792	ng/ul	99
38) Hexachlorocyclopentadiene	12.67	237	269169	16.114	ng/ul	98
39) 2,4,6-Trichlorophenol	12.92	196	324335	19.122	ng/ul	100
40) 2,4,5-Trichlorophenol	12.98	196	360285	19.587	ng/ul	99
41) 1,1'-Biphenyl	13.32	154	1330401	19.025	ng/ul	100
42) 2-Chloronaphthalene	13.36	162	1043629	19.712	ng/ul	99
43) 2-Nitroaniline	13.55	65	282342	22.841	ng/ul	99
45) Dimethylphthalate	13.94	163	1310509	18.973	ng/ul	99
46) 2,6-Dinitrotoluene	14.05	165	247877	22.041	ng/ul	96
48) Acenaphthylene	14.20	152	1578758	18.679	ng/ul	100
49) 3-Nitroaniline	14.37	138	280613	23.011	ng/ul#	95
50) Acenaphthene	14.55	153	1138171	19.435	ng/ul	100
51) 2,4-Dinitrophenol	14.58	184	94444	18.307	ng/ul#	74
53) 4-Nitrophenol	14.68	109	191490	20.503	ng/ul	96
54) Dibenzofuran	14.88	168	1567499	19.286	ng/ul	99
55) 2,4-Dinitrotoluene	14.83	165	369672	22.441	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.10	232	295342	19.329	ng/ul	97
57) Diethylphthalate	15.30	149	1312241	18.362	ng/ul	100
59) Fluorene	15.53	166	1335508	19.972	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.53	204	652868	19.729	ng/ul	99
61) 4-Nitroaniline	15.53	138	317938	22.880	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.60	198	167623	18.420	ng/ul	98
65) N-Nitrosodiphenylamine	15.73	169	1129469	19.130	ng/ul	100
66) 4-Bromophenyl-phenylether	16.42	248	396069	18.321	ng/ul	99
67) Hexachlorobenzene	16.53	284	452573	18.997	ng/ul	99
68) Atrazine	16.68	200	475971	20.970	ng/ul	100
69) Pentachlorophenol	16.87	266	236093	17.962	ng/ul	99
70) Phenanthrene	17.26	178	2077596	19.611	ng/ul	99
72) Anthracene	17.35	178	2120305	19.484	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.29	216	502048	18.639	ng/uL	100
74) Pentachlorobenzene	14.80	250	529673	19.507	ng/uL	99
75) Carbazole	17.62	167	1922256	19.653	ng/ul	99
76) Di-n-butylphthalate	18.19	149	2206599	17.814	ng/ul	100
77) Fluoranthene	19.27	202	2417264	20.106	ng/ul	98
80) Pvrene	19.64	202	2525998	19.111	ng/ul	99
81) Butylbenzylphthalate	20.54	149	972494	17.451	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.32	252	841095	18.109	ng/ul	99
83) Benzo(a)anthracene	21.38	228	2602431	19.209	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.32	149	1502548	17.769	ng/ul	100
85) Chrysene	21.43	228	2400557	19.255	ng/ul	99
87) Di-n-octyl phthalate	22.21	149	2426562	17.454	ng/ul	100
88) Benzo(b)fluoranthene	23.00	252	2475968	19.379	ng/ul	99
89) Benzo(k)fluoranthene	23.04	252	2529301	20.371	ng/ul	99
91) Benzo(a)pyrene	23.59	252	2390161	19.606	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.01	276	2528279	17.952	ng/ul	98
93) Dibenzo(a,h)anthracene	26.02	278	2127231	18.151	ng/ul	99
94) Benzo(a,h,i)perylene	26.73	276	1955394	16.902	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

