

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062819\
 Data File : BM021235.D
 Acq On : 28 Jun 2019 17:28
 Operator : HP/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02050

Manual Integrations
 APPROVED

mohammad
 7/1/2019 8:10:26 AM

Quant Time: Jun 28 18:09:41 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 28 16:49:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	309673	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1408369	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	949876	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	2148268	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1683616	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1808527	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	46607	7.15	ng/uL	0.00
5) Phenol-d5	6.93	99	556122	20.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	328331	20.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	450038	20.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	479662	21.32	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	240003	20.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	275327	21.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	563902	21.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	460111	17.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1737298	20.24	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	2172652	20.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	258241	18.50	ng/ul	0.00
57) Fluorene-d10	15.40	176	1527830	20.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	268032	20.30	ng/ul	0.00
70) Anthracene-d10	17.25	188	2272362	20.35	ng/ul	0.00
78) Pyrene-d10	19.54	212	2191038	21.69	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	2169554	20.33	ng/ul	0.00

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.32	88	46480	7.043	ng/uL 98
4) Benzaldehyde	6.92	77	196156	15.963	ng/ul 100
6) Phenol	6.96	94	529721	20.778	ng/ul 98
8) Bis(2-Chloroethyl)ether	7.19	93	396386	20.371	ng/ul 98
10) 2-Chlorophenol	7.33	128	427964	20.735	ng/ul 97
11) 2-Methylphenol	8.20	108	415302	21.053	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.29	45	509189	20.493	ng/ul 98
14) Acetophenone	8.59	105	696767	21.517	ng/ul 100
15) N-Nitroso-di-n-propylamine	8.57	70	364246	21.613	ng/ul 98
16) 4-Methylphenol	8.53	108	460406	21.447	ng/ul 96
17) Hexachloroethane	8.83	117	172700	20.074	ng/ul 98
20) Nitrobenzene	8.97	77	526595	20.497	ng/ul 99
21) Isophorone	9.49	82	1023156	21.147	ng/ul 99
23) 2-Nitrophenol	9.67	139	272787	21.371	ng/ul 98
24) 2,4-Dimethylphenol	9.73	107	544033	20.862	ng/ul 98
25) Bis(2-Chloroethoxy)methane	9.97	93	607998	20.392	ng/ul 99
27) 2,4-Dichlorophenol	10.20	162	503447	21.424	ng/ul 99
28) Naphthalene	10.60	128	1470798	20.341	ng/ul 100
30) 4-Chloroaniline	10.72	127	444659	17.560	ng/ul 99
31) Hexachlorobutadiene	10.87	225	328200	20.498	ng/ul 99
32) Caprolactam	11.52	113	145766m	22.065	ng/ul
33) 4-Chloro-3-methylphenol	11.84	107	526233	21.965	ng/ul 97
34) 2-Methylnaphthalene	12.21	142	1159530	20.914	ng/ul 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.58	216	690001	20.348	ng/ul	99
37) Hexachlorocyclopentadiene	12.55	237	400034	19.830	ng/ul	97
38) 2,4,6-Trichlorophenol	12.83	196	449176	21.315	ng/ul	98
39) 2,4,5-Trichlorophenol	12.90	196	479642	21.308	ng/ul	98
40) 1,1'-Biphenyl	13.23	154	1572966	20.074	ng/ul	99
41) 2-Chloronaphthalene	13.27	162	1251333	20.213	ng/ul	100
42) 2-Nitroaniline	13.49	65	316757	21.054	ng/ul	98
44) Dimethylphthalate	13.86	163	1596005	20.428	ng/ul	99
45) 2,6-Dinitrotoluene	13.99	165	325570	21.833	ng/ul	96
47) Acenaphthylene	14.12	152	1845466	20.516	ng/ul	99
48) 3-Nitroaniline	14.32	138	280611	21.496	ng/ul	99
49) Acenaphthene	14.47	153	1327597	20.131	ng/ul	99
50) 2,4-Dinitrophenol	14.53	184	137944	18.414	ng/ul	97
52) 4-Nitrophenol	14.63	109	192363	18.628	ng/ul	95
53) Dibenzofuran	14.80	168	1908144	20.322	ng/ul	98
54) 2,4-Dinitrotoluene	14.78	165	470472	21.741	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.03	232	431129	21.964	ng/ul	100
56) Diethylphthalate	15.23	149	1548679	20.545	ng/ul	99
58) Fluorene	15.45	166	1575292	20.649	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.45	204	865361	20.805	ng/ul	99
60) 4-Nitroaniline	15.49	138	270789	19.515	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.54	198	262779	19.822	ng/ul	99
64) N-Nitrosodiphenylamine	15.67	169	1336097	20.536	ng/ul	100
65) 4-Bromophenyl-phenylether	16.34	248	548138	20.807	ng/ul	97
66) Hexachlorobenzene	16.45	284	635002	21.032	ng/ul	99
67) Atrazine	16.62	200	460545	19.511	ng/ul	98
68) Pentachlorophenol	16.80	266	321523	21.238	ng/ul	98
69) Phenanthrene	17.19	178	2422144	20.387	ng/ul	99
71) Anthracene	17.29	178	2457278	20.296	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.19	216	697293	20.633	ng/ul	98
73) Pentachlorobenzene	14.72	250	729391	20.975	ng/ul	98
74) Carbazole	17.56	167	1985904	19.902	ng/ul	100
75) Di-n-butylphthalate	18.12	149	2439123	20.360	ng/ul	100
76) Fluoranthene	19.21	202	2575550	20.063	ng/ul	99
79) Pvrene	19.57	202	2574119	21.627	ng/ul	99
80) Butylbenzylphthalate	20.47	149	923385	20.958	ng/ul	97
81) 3,3'-Dichlorobenzidine	21.26	252	755622	20.024	ng/ul	99
82) Benzo(a)anthracene	21.32	228	2332694	20.323	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.24	149	1286888	20.514	ng/ul	99
84) Chrysene	21.37	228	2175417	20.237	ng/ul	100
86) Di-n-octyl phthalate	22.13	149	2058306	19.751	ng/ul	100
87) Benzo(b)fluoranthene	22.92	252	2304509	20.116	ng/ul	100
88) Benzo(k)fluoranthene	22.97	252	2202281	19.982	ng/ul	99
90) Benzo(a)pyrene	23.51	252	2190647	20.316	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	2702771	21.286	ng/ul	98
92) Dibenzo(a,h)anthracene	25.91	278	2255872	21.120	ng/ul	99
93) Benzo(g,h,i)perylene	26.60	276	2223661	21.264	ng/ul	98

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

