

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
 Data File : BM021254.D
 Acq On : 29 Jun 2019 09:52
 Operator : HP/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02052

Manual Integrations
 APPROVED

mohammad
 7/1/2019 2:42:25 PM

Quant Time: Jun 29 22:24:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 27 05:07:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	262669	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.55	136	1157534	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	752368	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1720572	20.00	ng/ul	-0.01
77) Chrysene-d12	21.33	240	1415958	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1498029	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	39566	7.15	ng/uL	0.00
5) Phenol-d5	6.93	99	452403	19.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	274629	20.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	374942	20.18	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	380824	19.95	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	193105	20.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	218339	20.93	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.16	165	450003	21.21	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.69	131	418251	18.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1380780	20.31	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1723082	20.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	202195	18.28	ng/ul	0.00
57) Fluorene-d10	15.39	176	1208081	20.43	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.52	200	201049	19.01	ng/ul	-0.01
70) Anthracene-d10	17.25	188	1824898	20.41	ng/ul	-0.01
78) Pyrene-d10	19.54	212	1795528	21.13	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.46	264	1808223	20.46	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.31	88	39066	6.979	ng/uL 97
4) Benzaldehyde	6.91	77	183626	17.617	ng/ul 100
6) Phenol	6.95	94	428627	19.821	ng/ul 99
8) Bis(2-Chloroethyl)ether	7.19	93	330608	20.031	ng/ul 100
10) 2-Chlorophenol	7.32	128	351984	20.106	ng/ul 98
11) 2-Methylphenol	8.20	108	337875	20.193	ng/ul 97
12) 2,2'-oxybis(1-Chloropropan	8.28	45	422320	20.039	ng/ul 99
14) Acetophenone	8.58	105	570172	20.758	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.57	70	294056	20.570	ng/ul 99
16) 4-Methylphenol	8.53	108	367865	20.203	ng/ul 99
17) Hexachloroethane	8.82	117	145649	19.960	ng/ul 94
20) Nitrobenzene	8.96	77	429539	20.342	ng/ul 98
21) Isophorone	9.49	82	815340	20.504	ng/ul 99
23) 2-Nitrophenol	9.67	139	217546	20.736	ng/ul 97
24) 2,4-Dimethylphenol	9.72	107	436534	20.367	ng/ul 100
25) Bis(2-Chloroethoxy)methane	9.96	93	489307	19.967	ng/ul 99
27) 2,4-Dichlorophenol	10.19	162	405686	21.005	ng/ul 99
28) Naphthalene	10.59	128	1203339	20.248	ng/ul 100
30) 4-Chloroaniline	10.72	127	401337	19.284	ng/ul 98
31) Hexachlorobutadiene	10.86	225	274923	20.892	ng/ul 97
32) Caprolactam	11.51	113	112297m	20.682	ng/ul
33) 4-Chloro-3-methylphenol	11.83	107	408713	20.757	ng/ul 99
34) 2-Methylnaphthalene	12.20	142	931272	20.437	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	559907	20.846	ng/ul	99
37) Hexachlorocyclopentadiene	12.55	237	281750	17.633	ng/ul	98
38) 2,4,6-Trichlorophenol	12.82	196	352116	21.096	ng/ul	99
39) 2,4,5-Trichlorophenol	12.90	196	371486	20.836	ng/ul	98
40) 1,1'-Biphenyl	13.23	154	1252605	20.182	ng/ul	99
41) 2-Chloronaphthalene	13.27	162	991869	20.228	ng/ul	99
42) 2-Nitroaniline	13.49	65	246943	20.722	ng/ul	96
44) Dimethylphthalate	13.86	163	1263838	20.423	ng/ul	99
45) 2,6-Dinitrotoluene	13.99	165	250869	21.240	ng/ul	99
47) Acenaphthylene	14.12	152	1469776	20.629	ng/ul	99
48) 3-Nitroaniline	14.32	138	215511	20.843	ng/ul	96
49) Acenaphthene	14.46	153	1053239	20.164	ng/ul	100
50) 2,4-Dinitrophenol	14.53	184	98060	16.526	ng/ul	96
52) 4-Nitrophenol	14.63	109	148191	18.118	ng/ul	99
53) Dibenzofuran	14.80	168	1518936	20.423	ng/ul	99
54) 2,4-Dinitrotoluene	14.77	165	369136	21.537	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.03	232	337202	21.689	ng/ul	98
56) Diethylphthalate	15.23	149	1222250	20.471	ng/ul	99
58) Fluorene	15.45	166	1241457	20.545	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.45	204	683469	20.745	ng/ul	99
60) 4-Nitroaniline	15.49	138	208741	18.993	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.54	198	200626	18.896	ng/ul	98
64) N-Nitrosodiphenylamine	15.66	169	1064015	20.419	ng/ul	100
65) 4-Bromophenyl-phenylether	16.34	248	437479	20.734	ng/ul	100
66) Hexachlorobenzene	16.45	284	510327	21.104	ng/ul	99
67) Atrazine	16.62	200	366204	19.371	ng/ul	98
68) Pentachlorophenol	16.80	266	252803	20.850	ng/ul	97
69) Phenanthrene	17.19	178	1922703	20.206	ng/ul	100
71) Anthracene	17.28	178	1964805	20.262	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.19	216	551539	20.377	ng/ul	100
73) Pentachlorobenzene	14.71	250	578743	20.780	ng/ul	99
74) Carbazole	17.56	167	1605729	20.092	ng/ul	99
75) Di-n-butylphthalate	18.12	149	1895864	19.759	ng/ul	99
76) Fluoranthene	19.20	202	2110292	20.525	ng/ul	99
79) Pvrene	19.57	202	2116142	21.140	ng/ul	99
80) Butylbenzylphthalate	20.47	149	731323	19.736	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.26	252	612606	19.303	ng/ul	99
82) Benzo(a)anthracene	21.32	228	1946141	20.160	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.24	149	1003624	19.023	ng/ul	98
84) Chrysene	21.37	228	1816253	20.089	ng/ul	99
86) Di-n-octyl phthalate	22.13	149	1604329	18.586	ng/ul	100
87) Benzo(b)fluoranthene	22.92	252	1946826	20.516	ng/ul	99
88) Benzo(k)fluoranthene	22.97	252	1822592	19.965	ng/ul	99
90) Benzo(a)pyrene	23.50	252	1817936	20.354	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.89	276	2230294	21.206	ng/ul	99
92) Dibenzo(a,h)anthracene	25.90	278	1857458	20.994	ng/ul	99
93) Benzo(g,h,i)perylene	26.60	276	1837817	21.217	ng/ul	97

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

