

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
 Data File : BM017973.D
 Acq On : 06 Dec 2018 19:02
 Operator : JU/SJ
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02080

Manual Integrations
 APPROVED

mohammad
 12/7/2018 12:21:42 PM

Quant Time: Dec 07 06:52:58 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 07 06:34:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	215270	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	856916	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	447551	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	936865	20.00	ng/ul	0.00
77) Chrysene-d12	21.18	240	1024851	20.00	ng/ul	0.00
85) Perylene-d12	23.36	264	1089097	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	37270	7.92	ng/uL	0.00
5) Phenol-d5	6.75	99	348960	17.75	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	207063	17.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	302560	19.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	269420	16.77	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	137870	20.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	154862	20.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	281786	19.63	ng/ul	0.00
29) 4-Chloroaniline-d4	10.48	131	240917	19.55	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	726946	18.72	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	941824	20.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	114787	16.26	ng/ul	0.00
57) Fluorene-d10	15.21	176	625970	18.67	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	122411	18.28	ng/ul	0.00
70) Anthracene-d10	17.07	188	928334	19.90	ng/ul	0.00
78) Pyrene-d10	19.37	212	1002201	20.21	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.22	264	1174686	19.89	ng/ul	0.00

Target Compounds

				Ovalue	
2) 1,4-Dioxane	3.19	88	39918	7.954	ng/uL# 89
4) Benzaldehyde	6.72	77	63069	17.204	ng/ul 94
6) Phenol	6.78	94	344855	17.573	ng/ul 95
8) Bis(2-Chloroethyl)ether	7.00	93	272153	18.152	ng/ul 96
10) 2-Chlorophenol	7.13	128	300605	19.559	ng/ul 97
11) 2-Methylphenol	8.01	108	263330	17.587	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	8.09	45	304092	17.191	ng/ul 98
14) Acetophenone	8.38	105	418143	16.700	ng/ul 98
15) N-Nitroso-di-n-propylamine	8.37	70	206085	15.781	ng/ul 98
16) 4-Methylphenol	8.33	108	279571	17.279	ng/ul 97
17) Hexachloroethane	8.62	117	123163	19.765	ng/ul 88
20) Nitrobenzene	8.76	77	306384	18.546	ng/ul 93
21) Isophorone	9.27	82	552988	17.993	ng/ul 99
23) 2-Nitrophenol	9.46	139	160737	20.480	ng/ul 95
24) 2,4-Dimethylphenol	9.52	107	310059	18.911	ng/ul 97
25) Bis(2-Chloroethoxy)methane	9.76	93	344636	18.325	ng/ul 99
27) 2,4-Dichlorophenol	9.99	162	267785	19.754	ng/ul 100
28) Naphthalene	10.37	128	891342	19.964	ng/ul 99
30) 4-Chloroaniline	10.50	127	240436	19.128	ng/ul 96
31) Hexachlorobutadiene	10.65	225	179874	19.979	ng/ul 96
32) Caprolactam	11.29	113	75285m	16.786	ng/ul
33) 4-Chloro-3-methylphenol	11.64	107	269460	17.502	ng/ul 97
34) 2-Methylnaphthalene	12.00	142	624167	18.727	ng/ul 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	316093	21.167	ng/ul	98
37) Hexachlorocyclopentadiene	12.35	237	164349	17.066	ng/ul	98
38) 2,4,6-Trichlorophenol	12.63	196	198695	20.473	ng/ul	97
39) 2,4,5-Trichlorophenol	12.70	196	204743	19.725	ng/ul	99
40) 1,1'-Biphenyl	13.03	154	755013	20.493	ng/ul	99
41) 2-Chloronaphthalene	13.07	162	598457	20.766	ng/ul	99
42) 2-Nitroaniline	13.30	65	156064	18.596	ng/ul	100
44) Dimethylphthalate	13.68	163	698851	18.575	ng/ul	99
45) 2,6-Dinitrotoluene	13.80	165	148158	20.041	ng/ul	93
47) Acenaphthylene	13.93	152	883155	20.121	ng/ul	100
48) 3-Nitroaniline	14.14	138	137301	19.468	ng/ul	91
49) Acenaphthene	14.27	153	624304	19.736	ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	76516	15.266	ng/ul	93
52) 4-Nitrophenol	14.46	109	87536	15.074	ng/ul	95
53) Dibenzofuran	14.61	168	857580	19.158	ng/ul	99
54) 2,4-Dinitrotoluene	14.60	165	208339	18.613	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.85	232	179091	18.712	ng/ul#	99
56) Diethylphthalate	15.05	149	696617	17.974	ng/ul	99
58) Fluorene	15.27	166	701145	18.783	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.26	204	358543	18.699	ng/ul	97
60) 4-Nitroaniline	15.32	138	133816	17.067	ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.37	198	125238	18.145	ng/ul	93
64) N-Nitrosodiphenylamine	15.49	169	595496	20.645	ng/ul	100
65) 4-Bromophenyl-phenylether	16.16	248	219978	20.548	ng/ul	98
66) Hexachlorobenzene	16.27	284	235530	19.793	ng/ul	96
67) Atrazine	16.45	200	206314	19.283	ng/ul	99
68) Pentachlorophenol	16.62	266	139416	18.832	ng/ul	98
69) Phenanthrene	17.01	178	1071516	20.000	ng/ul	99
71) Anthracene	17.10	178	1094937	19.984	ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	307636	23.171	ng/uL	98
73) Pentachlorobenzene	14.53	250	294319	21.674	ng/uL	99
74) Carbazole	17.38	167	938768	19.445	ng/ul	99
75) Di-n-butylphthalate	17.94	149	1139800	18.681	ng/ul	99
76) Fluoranthene	19.04	202	1226641	19.465	ng/ul	99
79) Pvrene	19.40	202	1250415	20.099	ng/ul	99
80) Butylbenzylphthalate	20.32	149	522400	19.637	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.11	252	419139	19.867	ng/ul	99
82) Benzo(a)anthracene	21.17	228	1266130	19.918	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.10	149	764911	19.418	ng/ul	99
84) Chrysene	21.22	228	1207379	20.309	ng/ul	98
86) Di-n-octyl phthalate	21.97	149	1320447	17.310	ng/ul	100
87) Benzo(b)fluoranthene	22.71	252	1295784	19.141	ng/ul	99
88) Benzo(k)fluoranthene	22.76	252	1264577	19.220	ng/ul	100
90) Benzo(a)pyrene	23.27	252	1269716	19.778	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.52	276	1530736	22.503	ng/ul	99
92) Dibenzo(a,h)anthracene	25.53	278	1280897	22.303	ng/ul	98
93) Benzo(g,h,i)perylene	26.18	276	1291635	23.494	ng/ul	99

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

