

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
 Data File : BM024957.D
 Acq On : 19 Feb 2020 23:05
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02025

Manual Integrations
 APPROVED

mohammad
 2/20/2020 3:12:58 PM

Quant Time: Feb 19 23:38:51 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 19 03:36:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	321529	20.00	ng/ul	0.00
18) Naphthalene-d8	10.13	136	1188048	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.03	164	746201	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1585761	20.00	ng/ul	-0.01
78) Chrysene-d12	21.00	240	1650196	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1714725	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	68274	10.21	ng/uL	0.00
5) Phenol-d5	6.59	99	487121	22.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	294749	24.43	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.93	132	417321	21.81	ng/ul	-0.01
13) 4-Methylphenol-d8	8.10	113	383792	21.29	ng/ul	-0.01
19) Nitrobenzene-d5	8.52	128	193227	22.49	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.23	143	221049	21.78	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.77	165	425530	20.78	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.28	131	422150	22.04	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	1141813	20.27	ng/ul	-0.01
47) Acenaphthylene-d8	13.72	160	1413676	21.49	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.26	143	175245	19.15	ng/ul	0.00
58) Fluorene-d10	15.04	176	1020227	20.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	180296	17.44	ng/ul	0.00
71) Anthracene-d10	16.89	188	1532110	21.16	ng/ul	-0.01
79) Pyrene-d10	19.19	212	1693711	20.52	ng/ul	-0.01
90) Benzo(a)pyrene-d12	22.97	264	1844878	21.42	ng/ul	-0.01

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.06	88	69103	9.803	ng/uL#	93
4) Benzaldehyde	6.55	77	212712	15.142	ng/ul	97
6) Phenol	6.61	94	502571	22.354	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.83	93	420439	23.159	ng/ul	98
10) 2-Chlorophenol	6.96	128	418781	21.465	ng/ul	96
11) 2-Methylphenol	7.83	108	368655	21.125	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.93	45	209870	14.700	ng/ul#	71
14) Acetophenone	8.20	105	597200	21.027	ng/ul#	96
15) N-Nitroso-di-n-propylamine	8.19	70	290053	21.607	ng/ul#	82
16) 4-Methylphenol	8.16	108	394131	20.918	ng/ul	99
17) Hexachloroethane	8.44	117	193357	21.979	ng/ul	89
20) Nitrobenzene	8.56	77	488190	23.934	ng/ul	94
21) Isophorone	9.09	82	852133	23.037	ng/ul	94
23) 2-Nitrophenol	9.27	139	231787	21.215	ng/ul	95
24) 2,4-Dimethylphenol	9.35	107	431991	21.164	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.57	93	531671	22.915	ng/ul	99
27) 2,4-Dichlorophenol	9.80	162	409620	20.255	ng/ul	98
28) Naphthalene	10.19	128	1300381	21.422	ng/ul	99
30) 4-Chloroaniline	10.30	127	413772	21.642	ng/ul	100
31) Hexachlorobutadiene	10.49	225	326475	19.434	ng/ul	100
32) Caprolactam	11.07	113	108316m	20.432	ng/ul	
33) 4-Chloro-3-methylphenol	11.45	107	383029	20.412	ng/ul	97
34) 2-Methylnaphthalene	11.81	142	894690	20.009	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.03	142	905875	20.314	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.20	216	557430	21.124	ng/ul	98
38) Hexachlorocyclopentadiene	12.18	237	338472	18.190	ng/ul#	95
39) 2,4,6-Trichlorophenol	12.44	196	335138	20.634	ng/ul	96
40) 2,4,5-Trichlorophenol	12.52	196	354016	20.853	ng/ul	99
41) 1,1'-Biphenyl	12.86	154	1176227	21.352	ng/ul#	98
42) 2-Chloronaphthalene	12.89	162	963985	21.433	ng/ul	98
43) 2-Nitroaniline	13.10	65	225224	23.748	ng/ul	97
45) Dimethylphthalate	13.50	163	1162142	19.778	ng/ul	100
46) 2,6-Dinitrotoluene	13.62	165	245985	20.703	ng/ul	94
48) Acenaphthylene	13.74	152	1446799	21.234	ng/ul	98
49) 3-Nitroaniline	13.94	138	174632	19.512	ng/ul	86
50) Acenaphthene	14.10	153	965992	20.993	ng/ul	98
51) 2,4-Dinitrophenol	14.16	184	166632	23.020	ng/ul	96
53) 4-Nitrophenol	14.27	109	134207	17.954	ng/ul#	84
54) Dibenzofuran	14.44	168	1397902	20.380	ng/ul	99
55) 2,4-Dinitrotoluene	14.42	165	337225	19.886	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.67	232	317055	19.113	ng/ul	99
57) Diethylphthalate	14.89	149	1104737	19.001	ng/ul	98
59) Fluorene	15.09	166	1128636	19.965	ng/ul	98
60) 4-Chlorophenyl-phenylether	15.10	204	623853	19.167	ng/ul	99
61) 4-Nitroaniline	15.12	138	177134	15.982	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.19	198	195488	17.669	ng/ul	97
65) N-Nitrosodiphenylamine	15.32	169	948299	21.408	ng/ul	99
66) 4-Bromophenyl-phenylether	15.99	248	399442	20.103	ng/ul	100
67) Hexachlorobenzene	16.10	284	478767	20.388	ng/ul	98
68) Atrazine	16.29	200	359420	18.885	ng/ul	99
69) Pentachlorophenol	16.45	266	259462	18.465	ng/ul	99
70) Phenanthrene	16.83	178	1776256	20.543	ng/ul	99
72) Anthracene	16.92	178	1810595	20.648	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.82	216	553668	21.263	ng/uL	99
74) Pentachlorobenzene	14.36	250	549997	19.903	ng/uL	99
75) Carbazole	17.20	167	1466072	20.069	ng/ul	99
76) Di-n-butylphthalate	17.79	149	1827936	19.666	ng/ul	100
77) Fluoranthene	18.86	202	2112325	19.901	ng/ul#	95
80) Pvrene	19.22	202	2178914	19.948	ng/ul#	94
81) Butylbenzylphthalate	20.17	149	783981	19.188	ng/ul	96
82) 3,3'-Dichlorobenzidine	20.93	252	595143	15.429	ng/ul	98
83) Benzo(a)anthracene	20.99	228	2146461	19.310	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	20.96	149	1160829	17.949	ng/ul	98
85) Chrysene	21.04	228	2082143	19.026	ng/ul	100
87) Di-n-octyl phthalate	21.81	149	1927464	18.810	ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	2216480	20.328	ng/ul	99
89) Benzo(k)fluoranthene	22.53	252	2237318	21.318	ng/ul	99
91) Benzo(a)pyrene	23.01	252	2034609	20.813	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.14	276	2555985	21.002	ng/ul	97
93) Dibenzo(a,h)anthracene	25.15	278	2166657	20.895	ng/ul	98
94) Benzo(a,h,i)perylene	25.76	276	2127395	21.018	ng/ul	98

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

