

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021020\
 Data File : BM024813.D
 Acq On : 10 Feb 2020 18:04
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02009

Manual Integrations
 APPROVED

mohammad
 2/12/2020 9:50:28 AM

Quant Time: Feb 11 03:50:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 07 07:38:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	307268	20.00	ng/ul	0.00
18) Naphthalene-d8	10.16	136	1200751	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.06	164	793335	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.81	188	1677492	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	1497639	20.00	ng/ul	-0.01
86) Perylene-d12	23.13	264	1645187	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	47704	7.47	ng/uL	0.00
5) Phenol-d5	6.60	99	413810	20.27	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.76	67	240071	20.82	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	376045	20.56	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	347190	20.16	ng/ul	-0.01
19) Nitrobenzene-d5	8.54	128	178576	20.57	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.26	143	212316	20.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	413655	19.99	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.30	131	389477	20.12	ng/ul	-0.01
44) Dimethylphthalate-d6	13.48	166	1156540	19.31	ng/ul	0.00
47) Acenaphthylene-d8	13.74	160	1397630	19.98	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.28	143	182308	18.74	ng/ul	0.00
58) Fluorene-d10	15.06	176	1015731	19.16	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.19	200	202036	18.48	ng/ul	0.00
71) Anthracene-d10	16.91	188	1522114	19.88	ng/ul	0.00
79) Pyrene-d10	19.22	212	1632882	21.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.99	264	1643244	19.89	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.05	88	48942	7.265	ng/uL 96
4) Benzaldehyde	6.56	77	286179	21.317	ng/ul 97
6) Phenol	6.63	94	434333	20.215	ng/ul 93
8) Bis(2-Chloroethyl)ether	6.85	93	356424	20.544	ng/ul 98
10) 2-Chlorophenol	6.97	128	379353	20.346	ng/ul 100
11) 2-Methylphenol	7.86	108	337974	20.266	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	7.94	45	305665	22.403	ng/ul 98
14) Acetophenone	8.22	105	545316	20.091	ng/ul 99
15) N-Nitroso-di-n-propylamine	8.21	70	267187	20.827	ng/ul 99
16) 4-Methylphenol	8.18	108	364204	20.227	ng/ul 98
17) Hexachloroethane	8.46	117	170156	20.239	ng/ul 95
20) Nitrobenzene	8.58	77	412298	19.999	ng/ul 97
21) Isophorone	9.11	82	768610	20.559	ng/ul 96
23) 2-Nitrophenol	9.29	139	226117	20.477	ng/ul 93
24) 2,4-Dimethylphenol	9.37	107	409576	19.854	ng/ul 99
25) Bis(2-Chloroethoxy)methane	9.60	93	482350	20.569	ng/ul 99
27) 2,4-Dichlorophenol	9.82	162	406948	19.910	ng/ul 98
28) Naphthalene	10.21	128	1225485	19.975	ng/ul 99
30) 4-Chloroaniline	10.33	127	388719	20.117	ng/ul 98
31) Hexachlorobutadiene	10.51	225	320435	18.873	ng/ul 99
32) Caprolactam	11.09	113	108883m	20.322	ng/ul
33) 4-Chloro-3-methylphenol	11.47	107	377368	19.898	ng/ul 98
34) 2-Methylnaphthalene	11.83	142	887703	19.643	ng/ul 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.06	142	878411	19.490	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.22	216	561222	20.005	ng/ul	96
38) Hexachlorocyclopentadiene	12.20	237	348155	17.598	ng/ul	98
39) 2,4,6-Trichlorophenol	12.47	196	353359	20.463	ng/ul	96
40) 2,4,5-Trichlorophenol	12.54	196	364045	20.170	ng/ul	99
41) 1,1'-Biphenyl	12.88	154	1170728	19.990	ng/ul	98
42) 2-Chloronaphthalene	12.91	162	954122	19.953	ng/ul	99
43) 2-Nitroaniline	13.12	65	214022	21.226	ng/ul	97
45) Dimethylphthalate	13.53	163	1202367	19.247	ng/ul	99
46) 2,6-Dinitrotoluene	13.64	165	252123	19.958	ng/ul	98
48) Acenaphthylene	13.77	152	1444032	19.934	ng/ul	98
49) 3-Nitroaniline	13.96	138	188078	19.766	ng/ul	90
50) Acenaphthene	14.12	153	973507	19.899	ng/ul	96
51) 2,4-Dinitrophenol	14.18	184	129967	16.888	ng/ul	91
53) 4-Nitrophenol	14.29	109	138838	17.470	ng/ul	87
54) Dibenzofuran	14.46	168	1408640	19.316	ng/ul	98
55) 2,4-Dinitrotoluene	14.44	165	347437	19.271	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.70	232	342222	19.405	ng/ul	96
57) Diethylphthalate	14.92	149	1176157	19.028	ng/ul	100
59) Fluorene	15.12	166	1145875	19.066	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.12	204	655322	18.938	ng/ul	97
61) 4-Nitroaniline	15.14	138	225813	19.163	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.21	198	219236	18.732	ng/ul	94
65) N-Nitrosodiphenylamine	15.34	169	973813	20.782	ng/ul	99
66) 4-Bromophenyl-phenylether	16.02	248	428226	20.373	ng/ul	98
67) Hexachlorobenzene	16.13	284	497716	20.035	ng/ul	99
68) Atrazine	16.30	200	393281	19.534	ng/ul	99
69) Pentachlorophenol	16.47	266	285087	19.179	ng/ul	98
70) Phenanthrene	16.85	178	1800818	19.689	ng/ul	99
72) Anthracene	16.94	178	1836394	19.797	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.84	216	590987	21.455	ng/uL	99
74) Pentachlorobenzene	14.39	250	606998	20.765	ng/uL	99
75) Carbazole	17.22	167	1512864	19.577	ng/ul	100
76) Di-n-butylphthalate	17.81	149	2000460	20.345	ng/ul	100
77) Fluoranthene	18.88	202	2133903	19.005	ng/ul	98
80) Pvrene	19.24	202	2161184	21.801	ng/ul	98
81) Butylbenzylphthalate	20.19	149	860325	23.202	ng/ul	100
82) 3,3'-Dichlorobenzidine	20.95	252	720058	20.568	ng/ul	98
83) Benzo(a)anthracene	21.01	228	2025510	20.078	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.98	149	1317786	22.452	ng/ul	99
85) Chrysene	21.06	228	1975095	19.887	ng/ul	99
87) Di-n-octyl phthalate	21.83	149	2162879	22.000	ng/ul	100
88) Benzo(b)fluoranthene	22.51	252	2023133	19.339	ng/ul	100
89) Benzo(k)fluoranthene	22.55	252	2000456	19.867	ng/ul	99
91) Benzo(a)pyrene	23.03	252	1855340	19.782	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.18	276	2317811	19.850	ng/ul	98
93) Dibenzo(a,h)anthracene	25.19	278	1955697	19.658	ng/ul	98
94) Benzo(a,h,i)perylene	25.80	276	1947008	20.049	ng/ul	99

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

