

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021720\
 Data File : BM024941.D
 Acq On : 18 Feb 2020 21:37
 Operator : CG/JU
 Sample : SSTDC0020EC
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 SSTD02023

Manual Integrations
 APPROVED

mohammad
 2/20/2020 8:57:10 AM

Quant Time: Feb 19 13:54:24 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	313202	20.00	ng/ul	0.00
18) Naphthalene-d8	10.14	136	1145993	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.03	164	708454	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.79	188	1491242	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	1433519	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	1585186	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.03	96	62737	9.63	ng/uL	0.00
5) Phenol-d5	6.59	99	456651	21.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.74	67	271027	23.06	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.93	132	386209	20.72	ng/ul	-0.01
13) 4-Methylphenol-d8	8.10	113	351041	19.99	ng/ul	0.00
19) Nitrobenzene-d5	8.52	128	177925	21.47	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.24	143	206846	21.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.77	165	398860	20.19	ng/ul	0.00
29) 4-Chloroaniline-d4	10.29	131	422902	22.89	ng/ul	0.00
44) Dimethylphthalate-d6	13.46	166	1053892	19.71	ng/ul	0.00
47) Acenaphthylene-d8	13.72	160	1248696	19.99	ng/ul	0.00
52) 4-Nitrophenol-d4	14.26	143	159731	18.38	ng/ul	0.00
58) Fluorene-d10	15.04	176	922240	19.48	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.17	200	168549	17.34	ng/ul	0.00
71) Anthracene-d10	16.89	188	1373677	20.18	ng/ul	0.00
79) Pyrene-d10	19.20	212	1532598	21.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	1647989	20.70	ng/ul	-0.01

Target Compounds

					Ovalue
2) 1,4-Dioxane	3.06	88	64210	9.351	ng/uL# 86
4) Benzaldehyde	6.55	77	196410	14.353	ng/ul 97
6) Phenol	6.62	94	495052	22.605	ng/ul 94
8) Bis(2-Chloroethyl)ether	6.83	93	390825	22.100	ng/ul 100
10) 2-Chlorophenol	6.96	128	410879	21.620	ng/ul 97
11) 2-Methylphenol	7.84	108	362701	21.337	ng/ul 100
12) 2,2'-oxybis(1-Chloropropan	7.92	45	199794	14.366	ng/ul# 73
14) Acetophenone	8.20	105	583351	21.085	ng/ul# 94
15) N-Nitroso-di-n-propylamine	8.19	70	276743	21.164	ng/ul# 84
16) 4-Methylphenol	8.16	108	381273	20.774	ng/ul 99
17) Hexachloroethane	8.45	117	177994	20.771	ng/ul 92
20) Nitrobenzene	8.56	77	451771	22.961	ng/ul 93
21) Isophorone	9.09	82	801648	22.467	ng/ul 94
23) 2-Nitrophenol	9.27	139	223644	21.221	ng/ul 94
24) 2,4-Dimethylphenol	9.35	107	421758	21.421	ng/ul 96
25) Bis(2-Chloroethoxy)methane	9.58	93	500691	22.371	ng/ul 98
27) 2,4-Dichlorophenol	9.80	162	400203	20.515	ng/ul 98
28) Naphthalene	10.19	128	1216411	20.774	ng/ul 100
30) 4-Chloroaniline	10.30	127	444168	24.085	ng/ul 98
31) Hexachlorobutadiene	10.49	225	308929	19.065	ng/ul 98
32) Caprolactam	11.07	113	93647	18.313	ng/ul 84
33) 4-Chloro-3-methylphenol	11.45	107	369212	20.398	ng/ul 95
34) 2-Methylnaphthalene	11.81	142	881547	20.439	ng/ul 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.03	142	832944	19.364	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.20	216	537957	21.473	ng/ul	96
38) Hexachlorocyclopentadiene	12.18	237	287409	16.268	ng/ul	98
39) 2,4,6-Trichlorophenol	12.45	196	329025	21.337	ng/ul	99
40) 2,4,5-Trichlorophenol	12.52	196	341167	21.167	ng/ul	99
41) 1,1'-Biphenyl	12.86	154	1132094	21.646	ng/ul#	97
42) 2-Chloronaphthalene	12.89	162	898961	21.052	ng/ul	99
43) 2-Nitroaniline	13.10	65	210147	23.339	ng/ul	93
45) Dimethylphthalate	13.51	163	1077036	19.306	ng/ul	99
46) 2,6-Dinitrotoluene	13.62	165	225146	19.958	ng/ul	95
48) Acenaphthylene	13.75	152	1306842	20.202	ng/ul	98
49) 3-Nitroaniline	13.95	138	191774	22.569	ng/ul	84
50) Acenaphthene	14.10	153	904864	20.712	ng/ul	98
51) 2,4-Dinitrophenol	14.16	184	160658	23.377	ng/ul	95
53) 4-Nitrophenol	14.27	109	127123	17.912	ng/ul	89
54) Dibenzofuran	14.44	168	1334691	20.495	ng/ul	100
55) 2,4-Dinitrotoluene	14.42	165	310696	19.298	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.68	232	305572	19.402	ng/ul	97
57) Diethylphthalate	14.89	149	1034779	18.746	ng/ul	99
59) Fluorene	15.10	166	1043944	19.451	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.10	204	586463	18.978	ng/ul	96
61) 4-Nitroaniline	15.12	138	200509	19.055	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.19	198	187503	18.022	ng/ul	96
65) N-Nitrosodiphenylamine	15.32	169	913089	21.920	ng/ul	99
66) 4-Bromophenyl-phenylether	16.00	248	382485	20.469	ng/ul	96
67) Hexachlorobenzene	16.10	284	438841	19.872	ng/ul	98
68) Atrazine	16.29	200	334012	18.662	ng/ul	99
69) Pentachlorophenol	16.45	266	251004	18.995	ng/ul	98
70) Phenanthrene	16.83	178	1638910	20.156	ng/ul	99
72) Anthracene	16.92	178	1656413	20.087	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.82	216	528970	21.602	ng/uL	97
74) Pentachlorobenzene	14.36	250	522091	20.091	ng/uL	99
75) Carbazole	17.20	167	1420383	20.676	ng/ul	100
76) Di-n-butylphthalate	17.79	149	1670215	19.108	ng/ul	100
77) Fluoranthene	18.86	202	1922962	19.265	ng/ul#	95
80) Pvrene	19.23	202	1984581	20.915	ng/ul#	95
81) Butylbenzylphthalate	20.17	149	740320	20.858	ng/ul	95
82) 3,3'-Dichlorobenzidine	20.93	252	628796	18.765	ng/ul	99
83) Benzo(a)anthracene	20.99	228	2022274	20.943	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.96	149	1072175	19.084	ng/ul	99
85) Chrysene	21.04	228	1900758	19.994	ng/ul	100
87) Di-n-octyl phthalate	21.82	149	1788195	18.877	ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	2128353	21.115	ng/ul	99
89) Benzo(k)fluoranthene	22.53	252	1965945m	20.263	ng/ul	
91) Benzo(a)pyrene	23.02	252	1957020	21.656	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.14	276	2317807	20.602	ng/ul	97
93) Dibenzo(a,h)anthracene	25.16	278	1956866	20.414	ng/ul	98
94) Benzo(a,h,i)perylene	25.76	276	1943996	20.775	ng/ul	99

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

