

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090120\
 Data File : BM027289.D
 Acq On : 01 Sep 2020 09:13
 Operator : JU/CG
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SSTD02007

Manual Integrations
 APPROVED

mohammad
 9/2/2020 1:59:26 PM

Quant Time: Sep 01 11:03:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 01 11:00:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	106723	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	440476	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.23	164	332125	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.97	188	804727	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	860068	20.00	ng/ul	0.00
86) Perylene-d12	23.36	264	755460	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	20434	10.84	ng/uL	0.00
5) Phenol-d5	6.77	99	162975	18.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	108792	19.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	129053	19.36	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	131665	18.95	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	62045	17.58	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	70628	17.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	153922	18.54	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	176932	19.78	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	480395	18.23	ng/ul	0.00
47) Acenaphthylene-d8	13.92	160	585442	18.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.44	143	77668	17.47	ng/ul	0.00
58) Fluorene-d10	15.23	176	448743	19.73	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	79844	15.21	ng/ul	0.00
71) Anthracene-d10	17.07	188	727827	19.06	ng/ul	0.00
79) Pyrene-d10	19.37	212	845685	17.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.22	264	790352	18.77	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.19	88	21982	9.908	ng/uL	97
4) Benzaldehyde	6.74	77	123242	20.217	ng/ul	95
6) Phenol	6.80	94	176947	19.556	ng/ul#	86
8) Bis(2-Chloroethyl)ether	7.02	93	140907	19.370	ng/ul	98
10) 2-Chlorophenol	7.16	128	137029	20.130	ng/ul	95
11) 2-Methylphenol	8.03	108	128023	19.028	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.12	45	102881	18.266	ng/ul	95
14) Acetophenone	8.40	105	234020	21.025	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.40	70	137088	20.455	ng/ul	98
16) 4-Methylphenol	8.36	108	141376	19.596	ng/ul	91
17) Hexachloroethane	8.66	117	68509	21.351	ng/ul	99
20) Nitrobenzene	8.77	77	209436	19.840	ng/ul	99
21) Isophorone	9.30	82	334541	17.585	ng/ul	99
23) 2-Nitrophenol	9.48	139	79310	18.330	ng/ul#	84
24) 2,4-Dimethylphenol	9.55	107	180647	19.844	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.79	93	194229	17.818	ng/ul	97
27) 2,4-Dichlorophenol	10.02	162	156548	19.417	ng/ul	99
28) Naphthalene	10.41	128	456869	19.475	ng/ul	100
30) 4-Chloroaniline	10.52	127	183329	20.455	ng/ul	99
31) Hexachlorobutadiene	10.70	225	126242	20.836	ng/ul	98
32) Caprolactam	11.29	113	38548m	15.950	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	161902	19.206	ng/ul	99
34) 2-Methylnaphthalene	12.03	142	353393	19.832	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.25	142	328737	18.901	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.40	216	229576	19.333	ng/ul	97
38) Hexachlorocyclopentadiene	12.39	237	132703	16.521	ng/ul	99
39) 2,4,6-Trichlorophenol	12.65	196	138276	18.290	ng/ul	99
40) 2,4,5-Trichlorophenol	12.72	196	152066	18.927	ng/ul	96
41) 1,1'-Biphenyl	13.06	154	489276	18.771	ng/ul	99
42) 2-Chloronaphthalene	13.09	162	396439	18.907	ng/ul	97
43) 2-Nitroaniline	13.30	65	121652	19.251	ng/ul	99
45) Dimethylphthalate	13.69	163	504875	18.460	ng/ul	100
46) 2,6-Dinitrotoluene	13.80	165	100072	17.756	ng/ul#	84
48) Acenaphthylene	13.94	152	591739	18.998	ng/ul	98
49) 3-Nitroaniline	14.13	138	93577	19.474	ng/ul	99
50) Acenaphthene	14.29	153	420782	19.282	ng/ul	99
51) 2,4-Dinitrophenol	14.34	184	46677	14.422	ng/ul	91
53) 4-Nitrophenol	14.45	109	91163	21.635	ng/ul	92
54) Dibenzofuran	14.63	168	625215	19.958	ng/ul	93
55) 2,4-Dinitrotoluene	14.60	165	154957	19.310	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.86	232	139824	19.434	ng/ul	99
57) Diethylphthalate	15.07	149	534410	19.601	ng/ul	98
59) Fluorene	15.28	166	536269	20.186	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.28	204	287886	19.833	ng/ul	96
61) 4-Nitroaniline	15.30	138	99358	18.691	ng/ul	86
64) 4,6-Dinitro-2-methylphenol	15.36	198	83172	14.596	ng/ul#	86
65) N-Nitrosodiphenylamine	15.49	169	461106	19.028	ng/ul	100
66) 4-Bromophenyl-phenylether	16.17	248	183104	18.149	ng/ul	95
67) Hexachlorobenzene	16.29	284	212397	18.442	ng/ul	98
68) Atrazine	16.46	200	174785	17.575	ng/ul	98
69) Pentachlorophenol	16.63	266	114556	16.938	ng/ul	96
70) Phenanthrene	17.02	178	882296	19.210	ng/ul	99
72) Anthracene	17.11	178	907463	19.396	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.02	216	227227	18.183	ng/uL	97
74) Pentachlorobenzene	14.56	250	235716	18.264	ng/uL	98
75) Carbazole	17.37	167	781259	20.256	ng/ul	97
76) Di-n-butylphthalate	17.96	149	936576	18.976	ng/ul	99
77) Fluoranthene	19.04	202	1077546	19.583	ng/ul	100
80) Pvrene	19.40	202	1128745	17.013	ng/ul	98
81) Butylbenzylphthalate	20.33	149	430893	17.182	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.10	252	342564	17.097	ng/ul	98
83) Benzo(a)anthracene	21.16	228	1100615	19.298	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.11	149	665499	18.762	ng/ul	99
85) Chrysene	21.22	228	1062334	19.456	ng/ul	100
87) Di-n-octyl phthalate	21.98	149	1090856	18.535	ng/ul	100
88) Benzo(b)fluoranthene	22.71	252	1015866	18.863	ng/ul	99
89) Benzo(k)fluoranthene	22.75	252	1026826	19.786	ng/ul	100
91) Benzo(a)pyrene	23.26	252	864663	18.294	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.53	276	1012626	18.598	ng/ul	99
93) Dibenzo(a,h)anthracene	25.54	278	853984	18.486	ng/ul	99
94) Benzo(a,h,i)perylene	26.19	276	828667	18.613	ng/ul	98

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

